



# BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

PRE-BOARD EXAMINATION -1 (2025 - 2026)

GRADE X

Date: 11.12.2025

Max Marks: 80

Subject: ENGLISH LANGUAGE AND LITERATURE (184)

Time: 3 hours

## General Instructions:

- The question paper is divided into three sections:  
SECTION A: Reading (20 Marks)  
SECTION B: Writing and Grammar (20 Marks)  
SECTION C: Literature (40 Marks)
- All the questions are compulsory.
- You may attempt any section at a time.
- All questions of that particular section must be attempted in the correct order.

## SECTION A- READING (20 Marks)

I. Read the passage given below carefully.

10

*Interstellar*, directed by Christopher Nolan, is a science-fiction drama that explores humanity's unyielding instinct for survival against the vast, indifferent expanse of the universe. Set in a near-future Earth ravaged by environmental collapse, the film portrays a society where technological ambition has been replaced by agricultural desperation. Amidst dust storms, crop failure, and an atmosphere slowly turning hostile to human life, the narrative introduces Cooper, a former pilot compelled by circumstance to become a farmer. His latent longing for exploration becomes the emotional and thematic pulse of the story.

The discovery of a gravitational anomaly near Cooper's home sets the plot into motion, guiding him to a secret NASA facility. There, scientists reveal a plan to relocate humanity to another habitable world through a wormhole positioned near Saturn. This wormhole—an enigmatic tunnel through space-time—is believed to be placed by unknown "beings" to aid human survival. The mission that follows is not only a scientific expedition but also a philosophical journey, confronting the characters with questions of time, sacrifice, and the limits of human endurance.

As the spacecraft *Endurance* ventures through the wormhole, the crew encounters planets that reflect extreme manifestations of nature's unpredictability. One world is covered with towering waves, another is frozen yet clouded with deceptive calm. These alien landscapes serve as metaphors for the precariousness of the crew's mission—each decision carries the weight of humanity's hopes. Moreover, the film's treatment of time dilation, where hours on a distant planet translate to years on Earth, deepens the emotional conflict. Cooper faces the heart-wrenching reality of missing his children's entire childhood while striving to secure their future.

At its core, *Interstellar* is a meditation on human resilience and the bonds that withstand cosmic distances. It suggests that while scientific progress propels us forward, emotional connections anchor our purpose. The film blends astrophysics with deeply personal storytelling, leaving viewers to ponder humanity's role in a universe that remains both mysterious and magnificent.

I.A Based on your understanding of the passage, answer the following questions by choosing the best answer: (1x2= 2)

1. Which of the following best reflects the central conflict faced by Cooper in the passage?
  - a. Balancing technological progress with agricultural innovation
  - b. Choosing between personal longing for exploration and duty towards his family
  - c. Resolving scientific disagreements within the NASA team
  - d. Overcoming the dangers of alien civilizations

2. Choose the option that is the most suitable synonym for the word "enigmatic" as used in the passage:
- predictable
  - mysterious
  - ordinary
  - temporary

**I.B Based on your understanding of the passage, answer the following questions in 20 words: (1x4=4)**

- What environmental conditions on Earth set the background for the events of the film?
- Why is the wormhole near Saturn significant to humanity's survival?
- What emotional dilemma does time dilation create for Cooper?
- Name one way in which the alien planets mirror the unpredictability of the mission.

**I.C Based on your understanding of the passage, answer the following questions in 50 words: (2x2=4)**

- Describe how the film blends scientific concepts with emotional themes to create a deeper narrative impact.
- In what ways do the challenges faced by the crew of the *Endurance* symbolize the larger struggles of humanity as portrayed in the passage?

**II. Read the passage and answer the following questions.**

10

**Migration and Multicultural Societies**

Global migration has accelerated significantly over the last three decades, reshaping national identities and deepening the cultural complexity of modern societies. People today migrate for varied reasons—economic advancement, political instability, environmental disruptions, education, or the pursuit of safer living conditions. As a result, many nations have evolved into multicultural hubs where diverse languages, traditions, and social practices coexist. However, this diversity, while enriching, also presents challenges that require thoughtful policy responses.

The case study below presents data collected by the International Social Integration Survey (ISIS, 2024) across four major migrant-receiving regions. The survey evaluates how migrants adapt to their host societies and how local populations perceive cultural diversity.

Migrant Distribution & Integration Indicators (2024)				
Region / Country	% Migrant Population	Employment Integration (Scale 0–10)	Social Inclusion Score (0–10)	Common Challenges Reported
North America	18%	8.2	7.5	Language barriers
Western Europe	16%	7.8	8.1	Housing shortages
Middle East	41%	6.5	5.9	Temporary visa restrictions
Southeast Asia	9%	6.9	6.4	Limited legal safeguards

The data highlights striking contrasts in the proportion of migrants and their overall experience of integration. The Middle East, for instance, has the highest migrant population at 41%, primarily due to labour-driven migration. However, despite this numerical prominence, its social inclusion score remains comparatively low, indicating that long-term settlement is often restricted by temporary work contracts and limited access to citizenship pathways.

the passage.

esely, Western Europe demonstrates a more balanced relationship between migrant population size and inclusion. With strong legal frameworks and established multicultural policies, migrants report a higher level of societal belonging despite ongoing challenges like housing affordability.

North America continues to attract highly skilled migrants, reflected in its strong employment integration score. Yet, linguistic diversity poses a persistent hurdle, especially for first-generation migrants who must navigate professional and social spaces simultaneously.

Overall, the case underscores a central insight: multiculturalism thrives not merely through demographic diversity but through consistent, inclusive policies that address the practical needs of migrant communities.

**II.A Based on your understanding of the passage, answer the following questions by choosing the best answer:** (1x6=6)

1. Which region shows the greatest mismatch between the *size* of its migrant population and the *quality* of social inclusion?
  - a. North America
  - b. Western Europe
  - c. Middle East
  - d. Southeast Asia
2. Which factor most likely contributes to Western Europe reporting a high social inclusion score despite a moderate migrant population?
  - a. Lower employment integration
  - b. Strong legal and multicultural policies
  - c. High temporary visa dependence
  - d. Minimal linguistic diversity
3. **Assertion (A): North America has a strong employment integration score.**  
**Reason (R): It primarily attracts highly skilled migrants.**
  - a. A and R are both true, and R correctly explains A.
  - b. A and R are both true, but R does not explain A.
  - c. A is true, but R is false.
  - d. A is false, but R is true.
4. Which region is most likely to experience long-term demographic imbalance due to limited settlement pathways?
  - a. North America
  - b. Western Europe
  - c. Middle East
  - d. Southeast Asia
5. What conclusion can be drawn regarding multiculturalism based on the data?
  - a. It naturally develops in any migrant-receiving society.
  - b. It requires supportive, inclusive legal frameworks to flourish.
  - c. It is strongest where migrant populations are highest.
  - d. It is unaffected by employment patterns.
6. **Assertion (A): The Middle East reports the lowest social inclusion score.**  
**Reason (R): Migrants in the region mainly work under short-term contracts with restricted mobility.**
  - a. A and R are both true, and R explains A.
  - b. A and R are both true, but R does not explain A.
  - c. A is true, but R is false.
  - d. A is false, but R is true.

II.B Based on your understanding of the passage, answer the following questions in 20 words: (1x2=2)

7. Why does linguistic diversity remain a challenge for first-generation migrants even in regions with employment integration?

8. Mention one reason why a high migrant population does not automatically guarantee strong social inclusion.

II.C Based on your understanding of the passage, answer the following question in 50 words: (2x1=2)

9. How does the case study illustrate the idea that multiculturalism depends more on policy frameworks than on migrant population size? Provide two points supported by data from the table.

**SECTION B- Writing Skills & Grammar (20 Marks)**

**GRAMMAR**

III. Complete ANY TEN of twelve of the following tasks, as directed.

(1x10 =10)

1. Read the given conversation between two friends.

Sumit: What do you plan to do after your graduation?

Rahul: I have processed my admission at Harvard Business School. Very soon, I shall be leaving for London.

Report what Rahul told his friend, by completing the following sentence.

Rahul replied that \_\_\_\_\_.

2. Fill the blank to complete the cautionary declaration, given below.

THE TRAFFIC POLICE \_\_\_\_\_ PENALIZE  
THE LAW BREAKERS STRICTLY.

3. Identify the error in the given opinion below and supply the correction

The rise or control of artificial intelligence (AI) is impacting society, as a whole.

Error - \_\_\_\_\_ Correction - \_\_\_\_\_

4. Fill the blank to complete a line from a professor's introductory address to her class. (Use the correct tense of the word given in the bracket)

We \_\_\_\_\_ (complete) the course by next year.

5. Fill in the blank with correct form of the verb given in the bracket:

The train \_\_\_\_\_ (not leave) by then.

6. Fill in the blank with correct form of the verb given in the bracket:

You \_\_\_\_\_ (heard) of Kargil's war.

Fill the blank by choosing the correct option to complete the live feed on a school news channel.

**Congratulations Change Makers!**

The regional competition awards have been announced and our school music club \_\_\_\_\_ the first prize.

- a. had been won
- b. will win
- c. was winning
- d. has won

8. Fill in the blank by choosing the appropriate modal given in the bracket:

Be careful lest you \_\_\_\_\_ fall. (should/could/ought to)

9. Complete the line from a self-awareness song, by filling the blank with the correct option.

The river runs through your veins  
The trees and mountains \_\_\_\_\_ your name  
The moon and stars watch over  
You're guiding your way back home  
To dream the night away.

- a. will call
- b. call
- c. had called
- d. calls

10. Fill the blank with the correct option to complete the note of appreciation by the Head of an organisation.

It is good to know that \_\_\_\_\_ registration forms were received this time for our event, as compared to the previous year.

- a. many
- b. most
- c. much
- d. more

11. Fill in the blank with correct form of the verb given in the bracket:

Mohan \_\_\_\_\_ (fail) unless he works hard.

12. Fill in the blank with correct form of the verb given in the bracket:

In 20 years, I \_\_\_\_\_ write a book.

**WRITING**

IV. Attempt ANY ONE from A and B given below. (5)

- A. Gurmeet Kaur is an aspiring candidate for a public-funded engineering college in the suburbs. She belongs to a nearby village, has minimal technological skills and exposure, has the required cut-off percentage and is looking for a complete or partial scholarship. Write a paragraph in about 100-120 words, analyzing her SWOT notes to support your stand on whether she should join/not join the college.

<b>STRENGTH</b> <ul style="list-style-type: none"> <li>● Strong Curriculum</li> <li>● Quality faculty</li> <li>● Vibrant Activity Clubs</li> <li>● Green location</li> <li>● Close proximity to residential areas</li> </ul>	<b>WEAKNESS</b> <ul style="list-style-type: none"> <li>● Lack of diversity</li> <li>● Students' behavioral Problems</li> <li>● No hostel facility</li> <li>● Slow repair and maintenance work</li> <li>● Underutilization of IT Services</li> <li>● Lack of targeted advertisements to out-state students</li> </ul>
<b>OPPORTUNITIES</b> <ul style="list-style-type: none"> <li>● Practice based research</li> <li>● Partnership with professional organisations</li> <li>● Strong alumni</li> <li>● Acclaimed Student Exchange Programme with European countries</li> </ul>	<b>THREAT</b> <ul style="list-style-type: none"> <li>● Lack of publicity in areas of excellence</li> <li>● Public perception towards funded colleges</li> <li>● Declining students' interest towards technical Subjects</li> <li>● Low employee morale due to budget cuts.</li> </ul>

ION C- LIFE  
 read the given extr  
 Mr. Keesing had a  
 through the  
 'Aa In

OR

B. There are two types of bottles available in the market: glass and plastic. Based on the given clues, write an analytical paragraph, in about 120 words, assessing the pros and cons of using glass and plastic bottles.

GLASS VS. PLASTIC BOTTLES  
 Pros and Cons

<b>GLASS BOTTLES</b> <b>Pross</b> <ul style="list-style-type: none"> <li>● Nontoxic, no chemicals</li> <li>● Environmentally friendly</li> <li>● Easy to clean and sanitize</li> <li>● Durable, last forever</li> <li>● Do not absorb odours</li> <li>● Dishwasher safe</li> </ul> <b>Cons</b> <ul style="list-style-type: none"> <li>● Heavy</li> <li>● More expensive</li> <li>● Breakable</li> <li>● Fewer options</li> </ul>	<b>PLASTIC BOTTLES</b> <b>Pross</b> <ul style="list-style-type: none"> <li>● Easy to use, lightweight</li> <li>● Unbreakable</li> <li>● Widely available</li> <li>● Wide variety of options</li> <li>● More affordable</li> </ul> <b>Cons</b> <ul style="list-style-type: none"> <li>● More chemicals</li> <li>● Shorter life span</li> <li>● Harder to clean</li> <li>● Cannot completely sanitize</li> <li>● Can absorb odours</li> </ul>
---	--

V. Attempt ANY ONE from A and B given below.

(5)

A. As Sohail Khan, the sports captain of Pinnacle Public School, you believe that fitness as a lifestyle should be promoted. Write a letter to the Editor of a national daily, in about 120 words, suggesting the introduction of "Cycle to School" campaign for school going students. The programme aims to develop the habit of exercising through cycling to maintain fitness and keeping children active. Share the importance and credibility of such a programme and suggest a feasible way to execute it along with possible activities.

OR

B. As Vaishali Nathani of 124, Indrayani Apartments, Vaishali Street, Udaipur, you believe that forming Ecology clubs and appointing Eco-minders in your city can aid in the preservation and conservation of nature. Write a letter to the MLA of your city area, in about 120 words, suggesting the need to form such clubs. Share their importance and implications. Recommend the involvement of resident volunteers for implementation of eco-club activities that nurture and protect the local ecosystem.

Read the given extracts and answer the questions for ANY ONE of the two, given. (5 marks)

A. Mr. Keesing had a good laugh at my arguments, but when I proceeded to talk my way through the next lesson, he assigned me a second essay. This time it was supposed to be on 'An Incurable Chatterbox.' I handed it in, and Mr. Keesing had nothing to complain about for two whole lessons. However, during the third lesson, he'd finally had enough. "Anne Frank, as a punishment for talking in class, write an essay entitled-'Quack, Quack, Quack, said Mistress Chatterbox.'" (From the Diary of Anne Frank)

1. How does Mr. Keesing's assignment of the essay "Quack, Quack, Quack, said Mistress Chatterbox" serve as both a punishment and a creative response to Anne Frank's talkative nature? (Answer in 30-40 words).
2. In the context of Mr. Keesing, the phrase, 'had a good laugh' implies \_\_\_\_\_.
3. With reference to Anne Frank's approach to authority figures like Mr. Keesing, which option is the LEAST likely?
  - a. Subtle resistance to authority
  - b. Assertiveness and independence
  - c. Enthusiasm for intellectual discourse
  - d. Compliance with classroom norms
4. The use of terms like " \_\_\_\_\_ " and " \_\_\_\_\_ ", point towards Anne's talkative and lively communication style.

OR

B. **THINK-TANK:** Mirror, mirror, in my hand. Who is the most fantastically intellectually gifted being in the land?

**OFFSTAGE VOICE:** (after a pause) You, sir.

**THINK -TANK:** (smacking mirror) Quicker. Answer quicker next time. I hate a slow mirror. (He admires himself in the mirror.) Ah, there I am. Are we Martians not a handsome race? So much more attractive than those ugly Earthlings with their tiny heads. Noodle, you keep on exercising your mind, and someday you'll have a balloon brain just like mine.

**NOODLE:** Oh, I hope so, Mighty Think-Tank. I hope so.

**THINK -TANK:** Now, contact the space probe. I want to invade that primitive ball of mud called Earth before lunch.

**NOODLE:** It shall be done, sir. (He adjusts levers on switchboard. Electronic buzzes and beeps are heard as the curtains open.) (The Book that Saved the Earth)

1. What does Think-Tank's interaction with the mirror reveal about his attitude towards intelligence and appearance? (Answer in 30-40 words).
2. State whether TRUE or FALSE.  
Noodle's hopeful response to Think-Tank's comment lends an insight into the rich heritage and culture of the Martian society.
3. Select the appropriate option to fill the blank.

The desire to conquer a "primitive ball of mud" reflects a \_\_\_\_\_ mindset.

- a. diplomatic
- b. colonial
- c. conciliatory
- d. democratic

4. The playwright's decision to put certain content in brackets serves the purpose of \_\_\_\_\_.

to why the follo  
The line "All his young  
as just a maternal loss  
4. Fill in

VII. Read the extracts given and answer the questions for ANY ONE of the two.

(5 marks)

A. I thought I told you to clean your shoes, Amanda!

(I am an orphan, roaming the street.  
I pattern soft dust with my hushed, bare feet.  
The silence is golden; the freedom is sweet.)  
Don't eat that chocolate, Amanda!

1. Which of the following best describes the symbolic meaning of the soft dust and hushed, bare feet in Amanda's orphan daydream?
  - a. A sense of isolation and loneliness
  - b. Freedom and independence
  - c. Poverty and hardship
  - d. Conformity and obedience
2. What does the contrast between the speaker's commands and Amanda's daydream suggest about her imaginative escape? (Answer in 30-40 words)
3. Complete the following with the impact on the reader.  
The lack of the special use of parentheses would have resulted in \_\_\_\_\_.
4. How does the line, "I thought I told you to clean your shoes, Amanda!" help us infer that Amanda's actions are being closely monitored and directed.

OR

B. An ultimate shaking grief fixes the boy

As he stands rigid, trembling, staring down  
All his young days into the harbour where  
His ball went. I would not intrude on him; (The Ball Poem)

1. In the line, "ultimate shaking grief fixes the boy", what does the following tell us?

- (i) "ultimate" - This tells us .....
- (ii) "fixes" - This tells us .....

(Answer in a total of about 40 words)

2. Complete the following with a correct option.

The use of "rigid" and "trembling" in the same line creates a powerful contrast between \_\_\_\_\_.

- a. unchangeable circumstances and visible sobbing
- b. defence mechanism and submission to a situation
- c. emotional numbness and physical quivering
- d. strong beliefs and unexpected reality

(5 marks)

State why the following is TRUE or FALSE.

The line "All his young days into the harbour where / His ball went" refers to losing the ball as just a material loss.

4. Fill the blank with an appropriate phrase from those given in the brackets.

The speaker chooses not to intrude on the boy. This choosing not to intrude, reflects a sensitivity to the boy's emotional state and a respect for the \_\_\_\_\_ of the grieving process. (universal occurrence / passing over / personal nature)

VIII. Answer ANY FOUR of the following five questions, in about 40-50 words. (3x4=12)

1. Justify the opinion that the traditional baker and his bread play a significant role in the cultural and social fabric of Goan society. (Glimpses of India-I)
2. How does Leslie Norris use vivid imagery and metaphorical language in *A Tiger in the Zoo*, to effectively depict the confinement and oppression experienced by the captive tiger.
3. Explain how the description of the devastation caused by the hailstorm reflects the sadness within Lencho, in *A Letter to God*?

Refer to the given lines, from the text - "Not a leaf remained on the trees. The corn was totally destroyed. The flowers were gone from the plants. Lencho's soul was filled with sadness."

4. Kitty was a trusted friend to Anne. Elaborate. (From the Diary of Anne Frank)
5. How does Ogden Nash's *The Tale of Custard the Dragon* challenge the notion that individuals should conform to societal expectations?

IX. Answer ANY TWO of the following THREE questions, in about 40-50 words. (3x2=6)

1. The story, *A Triumph of Surgery* is a powerful example of the importance of saying "no". Explain.
2. How does education play a transformative role in Bholi's life? (Bholi)
3. The various elements of Robert Arthur's writing style work together to create a sense of tension, uncertainty, and suspense, well-suited to the mystery and suspense genre of the story, *The Midnight Visitor*. Comment, with reference to any one element.

X. Answer ANY ONE of the following two questions, in about 100-120 words. (1x6=6)

- A. You have been chosen to address a student gathering from the neighbourhood schools, to speak on the resilience of human spirit required to transcend discrimination. Prepare the speech draft in not more than 120 words, with reference to the commonality of themes in *Nelson Mandela: Long Walk to Freedom* and *The Trees* by Adrienne Rich.

**You may begin this way:**

Good morning, everyone. Today, I'd like to discuss two pieces of literature that offer a powerful insight into the resilience of the human spirit required to transcend discrimination.

**You may end this way.**

To conclude, I'd like to say that ...

Thank you

- B. In the poem, *Dust of Snow*, the crow symbolically transforms the narrator's mood, while in the story, *His First Flight*, the baby seagull undergoes a literal transformation as it learns to fly. Analyse how these avian characters play similar or different thematic roles in their respective poem and story.

XI. Answer ANY ONE of the following two questions, in about 100-120 words.

A. Imagine that M. Loisel, from *The Necklace* by Guy de Maupassant, writes a diary entry, exploring the theme of class and social status, and the nature of social mobility, in the context of his own experience. Write this diary entry, as M. Loisel, in about 120 words.

OR

B. A character arc is the transformation or development of a character throughout a story and refers to the changes a character undergoes as a result of their experiences, challenges, and interactions with other characters. In the light of the above information, trace the character arc of the thief in Ruskin Bond's *The Thief's Story*, in about 120 words.



# BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

## PRE-BOARD EXAMINATION -I (2025 - 2026)

### GRADE X

Date: 17.12.2025

SET 1

Max Marks: 80

Subject: Hindi Course-B (085)

Time: 3 hours

#### सामान्य निर्देशन

निम्नलिखित निर्देशों को बहुत सावधानी से पढ़िए और उनका सख्ती से पालन कीजिए:

- इस प्रश्नपत्र में चार खंड हैं - क, ख, ग, घ।
- इस प्रश्नपत्र में कुल 16 प्रश्न हैं। सभी प्रश्न अनिवार्य हैं।
- प्रश्नपत्र में आंतरिक कल्पिक दिए गए हैं।
- प्रश्नों के उत्तर दिए गए निर्देशों का पालन करते हुए ही लिखिए।

#### खंड-क (अपठित बोध)

अंक

प्रश्न-1 निम्नलिखित गद्यांश को ध्यान पूर्वक पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए।

भारत की जल संरक्षण परंपरा का इतिहास अत्यंत प्राचीन है और यह पर्यावरण संतुलन में महत्वपूर्ण भूमिका निभाती है। भारत के विभिन्न हिस्सों में जल संरक्षण की अनूठी तकनीकें विकसित की गई हैं, जो उस क्षेत्र की भौगोलिक स्थिति के अनुसार अनुकूलित हैं। राजस्थान के कुंड, गुजरात के बावड़ी, महाराष्ट्र के टैंक, और उत्तर भारत की नहरें जल संरक्षण की कुछ प्राचीन विधियाँ हैं। ये तकनीकें न केवल पानी को संरक्षित करती हैं, बल्कि समाज में जल के महत्व को भी बढ़ावा देती हैं। पारंपरिक जल संरक्षण तकनीकों के माध्यम से स्थानीय समुदायों ने सूखे और जल संकट जैसी समस्याओं का सामना किया है। आज के समय में जल संकट एक गंभीर मुद्दा बन चुका है, और जल संरक्षण की पुरानी परंपराओं को फिर से अपनाने की आवश्यकता महसूस की जा रही है। सरकारी और गैर-सरकारी संगठनों द्वारा तालाबों, बावड़ियों, और नहरों के पुनर्निर्माण पर जोर दिया जा रहा है। साथ ही, वर्षा जल संचयन और आधुनिक तकनीकों के उपयोग से जल संरक्षण को बढ़ावा दिया जा रहा है। जल संरक्षण न केवल वर्तमान पीढ़ी के लिए, बल्कि भविष्य के लिए भी आवश्यक है, ताकि हम जल की इस अमूल्य धरोहर को संरक्षित रख सकें।

(क) उपर्युक्त गद्यांश का मुख्य विषय क्या है?

1

- (i) जल संकट
- (ii) जल संरक्षण की परंपरा
- (iii) जल प्रदूषण
- (iv) जलवायु परिवर्तन

(ख) निम्नलिखित कथन (A) तथा कारण (R) को ध्यानपूर्वक पढ़िए। दिए गए विकल्पों में से एक सही विकल्प चुनकर लिखिए:

1

कथन (A): राजस्थान में कुंड जल संरक्षण की एक प्राचीन विधि है।

कारण (R): राजस्थान में पानी का संकट नहीं है।

(i) कथन (A) सही है, कारण (R) गलत है।

(ii) कथन (A) सही है, और कारण (R) उसकी सही व्याख्या है।

(iii) कथन (A) तथा कारण (R) दोनों गलत हैं।

(iv) कथन (A) गलत है किन्तु कारण (R) सही है।

(ग) वर्षा जल संचयन का क्या महत्व है?

(i) जल संरक्षण को बढ़ावा देना

(ii) पानी का आयात करना

(iii) पानी की बर्बादी करना

(iv) जल स्रोतों को प्रदूषित करना

(घ) भारत में जल संरक्षण की कुछ प्राचीन विधियाँ कौन-कौन सी हैं?

(ङ) जल संरक्षण का भविष्य में क्या महत्व है?

प्रश्न-2

भारत के प्राचीन विचारकों ने अच्छा नागरिक बनने के लिए कुछ नियमों का प्रावधान किया है। इन नियमों में वाणी और व्यवहार की शुद्धि, कर्तव्य और अधिकार का समुचित निर्वाह, शुद्धतम पारस्परिक सद्भाव और सेवा की भावना आदि निगम बहुत महत्वपूर्ण माने गए हैं। ये सभी नियम यदि एक व्यक्ति के चारित्रिक गुणों के रूप में भी अनिवार्य माने जाएँ तो उसका अपना जीवन सुखी और आनंदमय हो सकता है। सभी गुणों का विकास एक बालक में यदि उसकी बाल्यावस्था से ही किया जाए तो यह अपने देश का श्रेष्ठ नागरिक बन सकता है। इन गुणों के कारण वह अपने परिवार, आस-पड़ोस, विद्यालय में अपने सहपाठियों एवं अध्यापकों के प्रति यथोचित व्यवहार कर सकेगा। वाणी एवं व्यवहार की मधुरता सभी के लिए सुखदायक होती है, समाज में हार्दिक सद्भाव की वृद्धि करती है, किंतु अहंकारहीन व्यक्ति ही स्निग्ध वाणी और शिष्ट व्यवहार का प्रयोग कर सकता है। अहंकारी और दंभी व्यक्ति सदा अशिष्ट वाणी और व्यवहार का अभ्यासी होता है जिसका परिणाम यह होता है कि ऐसे आदमी के व्यवहार से समाज में शांति और सौहार्द का वातावरण नहीं बनता। जिस प्रकार एक व्यक्ति समाज में रहकर अपने व्यवहार से कर्तव्य और अधिकार के प्रति सजग रहता है, उसी तरह देश के प्रति भी उसका व्यवहार कर्तव्य और अधिकार की भावना से भावित रहना चाहिए। उसका कर्तव्य हो जाता है कि न तो वह स्वयं कोई ऐसा काम करे और न ही दूसरों को करने दें, जिसमें देश के सम्मान, संपत्ति और स्वाभिमान को तेस लगे। समाज एवं देश में शांति बनाए रखने के लिए धार्मिक सहिष्णुता भी बहुत आवश्यक है। यह पृति तभी आ सकती है जब व्यक्ति संतुलित व्यक्तित्व का हो। यह आंतरिक या बाहरी संघर्ष से परे सामाजिकता की अनुभूति से परिपूर्ण व्यक्तित्व होना चाहिए।

(क) उपर्युक्त गद्यांश का मुख्य विषय क्या है?

(i) बाल्यावस्था का महत्व

(ii) धार्मिक सहिष्णुता

(iii) अच्छे नागरिक बनने के नियम

(iv) समाज में शांति बनाए रखना

(ख) वाणी एवं व्यवहार की मधुरता सभी के लिए सुखदायक होती है पंक्ति से क्या आशय है?

(i) मधुर वाणी समाज में सौहार्द बढ़ाती है।

(ii) मधुर वाणी का जीवन पर कोई प्रभाव नहीं पड़ता।

(iii) कठोर वाणी का समाज पर असर नहीं पड़ता।

(iv) मधुर वाणी केवल व्यक्तिगत लाभ देती है।

निम्नलिखित कथन और निष्कर्ष को ध्यान से पढ़कर दिए गए विकल्प से सही उत्तर चुनकर लिखिए: 1

कथन: अच्छे नागरिक के लिए कर्तव्य और अधिकार का समुचित निर्वाह आवश्यक है।

निष्कर्ष: यह समाज और देश में शांति बनाए रखने में सहायक होता है।

(i) कथन सही है, लेकिन निष्कर्ष गलत है। (ii) कथन गलत है और निष्कर्ष सही।

(iii) कथन और निष्कर्ष दोनों सही हैं। (iv) कथन और निष्कर्ष दोनों गलत हैं।

सरल भाषा में अच्छे नागरिक के लिए नियमों की भूमिका स्पष्ट कीजिए। 2

समाज में धार्मिक सहिष्णुता क्यों आवश्यक है? 2

### खंड-ख (व्यावहारिक व्याकरण)

पदबंध पर आधारित पाँच प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर लिखिए। 1X4=4

अब खिड़की को बंद किया जा सकता है। वाक्य में क्रिया पदबंध को पहचानकर लिखिए।

हम पढ़कर सो जाया करते हैं। रेखांकित पदबंध का नाम लिखिए।

"उनकी इस भावना का अनुचित लाभ वहाँ उपस्थित महंत और मठाधीश उठाते हैं।"

इस वाक्य में पदबंध कौन-सा है? वह पदबंध क्यों है, इसे स्पष्ट कीजिए।

उसकी कल्पना में वह अद्भुत साहसी युवक था। इस वाक्य में संज्ञा पदबंध क्या है?

घर से भागा हुआ लड़का मिल गया। रेखांकित पदबंध का नाम लिखिए।

रचना के आधार पर वाक्य रूपांतरण पर आधारित पाँच प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर लिखिए। 1X4=4

"उसके पिता जी की इच्छा थी। उनका बेटा वकील बने।" इन्हें मिश्र वाक्य में रूपांतरित कीजिए।

"मैं आया था परंतु वह ना मिल सका।" इस वाक्य का रचना के आधार पर भेद बताइए।

वामीरो से मिलने के बाद ततारा के जीवन में परिवर्तन आया। यह सरल वाक्य क्यों है?

नीरजा ने कहानी सुनाई। नमिता रो पड़ी। (सरल वाक्य बनाइए।)

"वह मुंबई गया और वहाँ नया व्यापार शुरू किया।" बताइए कि यह कौन-सा प्रकार का वाक्य है?

-5 समास पर आधारित पाँच प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर लिखिए। 1X4=4

'मंगलवार' शब्द का समास विग्रह कीजिए और इसके भेद को विस्तार से समझाइए।

'कर्मधारय' समास में पूर्व पद और उत्तर पद का कार्य बताइए।

'द्विगु समास' में पूर्व पद और उत्तर पद की भूमिका स्पष्ट कीजिए।

'वज्रधारी' शब्द का समास-विग्रह कीजिए और उसके समास का भेद स्पष्ट कीजिए।

सामासिक पद में प्रधान पद का निर्धारण कैसे किया जाता है?

-6 मुहावरे पर आधारित पाँच प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर लिखिए। 1X4=4

) 'आसमान सिर पर उठाना' और 'कान खा जाना' मुहावरों में अंतर स्पष्ट कीजिए।

) "तुम मेहनत करो, मैं तुम्हें दिन दूना और रात चौगुना फल दूँगा।" इस पंक्ति से मुहावरे को चुनें और वाक्य में प्रयोग करें।

- (ग) कौए की चोंच में रोटी का टुकड़ा देखकर लोमड़ी के----- गया। (उपयुक्त मुहावरे द्वारा रिक्त स्थान की पूर्ति कीजिए।)
- (घ) प्रातःकाल बिस्तर से उठते ही चाय पीना, फिर ब्रश करने का प्रचलन भारतीय संस्कृति की दृष्टि से -----जैसा है। (उपयुक्त मुहावरे द्वारा रिक्त स्थान की पूर्ति कीजिए।)
- (ङ) गागर में सागर भरना का वाक्य बनाइए।

खंड-ग (पाठ्य पुस्तक एवं पूरक पाठ्य पुस्तक)

प्रश्न-7 निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर सर्वाधिक उचित विकल्प से चुनकर लिखिए। 1X5=5

एक दिन संध्या समय, होस्टल से दूर में एक कनकौआ लूटने बेतहाशा दौड़ा जा रहा था। आँखें आसमान की ओर थीं और मन उस आकाशगामी पथिक की ओर, जो मंद गति से झूमता पतन की ओर चला आ रहा था, मानो कोई आत्मा स्वर्ग से निकलकर विरक्त मन से नए संस्कार ग्रहण करने जा रही हो। बालकों की पूरी सेना लग्गे और झाड़दार बाँस लिए इनका स्वागत करने को दौड़ी आ रही थी। किसी को अपने आगे-पीछे की खबर न थी। सभी मानो उस पतंग के साथ ही आकाश में उड़ रहे थे, जहाँ सब कुछ समतल है, न मोटरकारें हैं, न ट्राम, न गाड़ियाँ।

सहसा भाई साहब से मेरी मुठभेड़ हो गई, जो शायद बाजार से लौट रहे थे। उन्होंने वहीं हाथ पकड़ लिया और उग्र भाव से बोले-इन बाजारी लौंडों के साथ धेले के कनकौए के लिए दौड़ते तुम्हें शर्म नहीं आती? तुम्हें इसका भी कुछ लिहाज नहीं कि अब नीची जमात में नहीं हो, बल्कि आठवीं जमात में आ गए हो और मुझसे केवल एक दरजा नीचे हो। आखिर आदमी को कुछ तो अपनी पोजीशन का खयाल रखना चाहिए।

- (क) संध्या समय होस्टल से दूर लेखक बेतहाशा क्यों दौड़ा जा रहा था?
- (i) भाई साहब रास्ते में न मिल जाएँ (ii) कनकौआ लूटने के लिए  
(iii) बड़े भाई साहब की मार से बचने के लिए (iv) अध्यापक से डरकर
- (ख) आकाशगामी पथिक से लेखक किसकी ओर इंगित कर रहा है?
- (i) पक्षी की ओर (ii) सूर्य की ओर  
(iii) पतंग की ओर (iv) बड़े भाई साहब की ओर
- (ग) बाजार में लेखक की किससे मुठभेड़ हो गई?
- (i) बड़े भाई साहब से (ii) पिताजी से (iii) अध्यापक से (iv) एक मित्र से
- (घ) अब नीची जमात में नहीं हो, बल्कि आठवीं जमात में आ गए हो यह कथन किसके लिए कहा गया है?
- (i) लेखक के मित्र के लिए (ii) बड़े भाई साहब के लिए  
(iii) इनमें से कोई नहीं (iv) लेखक के लिए
- (ङ) "मुझसे केवल एक दरजा नीचे हो"-कथनानुसार लेखक के बड़े भाई साहब किस कक्षा में थे?
- (i) सातवीं कक्षा में (ii) नौवीं कक्षा में  
(iii) आठवीं कक्षा में (iv) दसवीं कक्षा में

गद्य खंड पर आधारित निम्नलिखित प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25- 2X3=6

30 शब्दों में लिखिए।

डायरी का पन्ना पाठ में जनता आजादी का पर्व मनाने के लिए अत्यन्त उत्साहित थी, पर पुलिस इस पर्व को मनाने के लिए जनता को हतोत्साहित कर रही थी। पुलिस के लिए यह आयोजन रोकना आवश्यक था, क्यों? तर्क संगत उत्तर दीजिए।

शुद्ध सोने में ताँबे की मिलावट या ताँबे में सोना 'गांधीजी के आदर्श और व्यवहार के सन्दर्भ में यह बात किस तरह झलकती है? स्पष्ट कीजिए।

अफगानिस्तान के बादशाह को हिंदुस्तान पर हमला करने के लिए वजीर अली ने क्यों बुलाया?

शैलेन्द्र ने तीसरी कसम में किस प्रकार रेणु की मूल पट-कथा को पूर्ण आकार प्रदान किया?

9 निम्नलिखित काव्यांश को पढ़कर प्रश्नों के सर्वाधिक उपयुक्त विकल्पों का चयन कीजिए। 1X5=5

क्षुधार्त रंतिदेव ने दिया करस्थ थाल भी,

तथा दधीचि ने दिया परार्थ अस्थिजाल भी।

उशीनर-क्षितीश ने स्वमांस दान भी किया,

सहर्ष वीर कर्ण ने शरीर-चर्म भी दिया।

अनित्य देह के लिए अनादि जीव क्या डरे?

वही मनुष्य है कि जो मनुष्य के लिए मरे।।

1) रंतिदेव कौन थे?

(i) परम दानी राजा

(ii) कुशल-समझदार राजा

(iii) वीर राजा

(iv) बुद्धिमान-शिक्षित राजा

2) स्तंभ 'अ' और स्तंभ 'ब' को सुमेलित करके सही विकल्प चुनिए:

स्तंभ 'अ'

स्तंभ 'ब'

1. उशीनर

I. अपने शरीर की चमड़ी भी दान में दी

2. दधीचि

II. अपना माँस देकर कबूतर के प्राण बचाए

3. कर्ण

III. अस्थियाँ देकर देवताओं की सहायता की

(i) I-1, II-2, III-3

(ii) I-1, II-3, III-2

(iii) I-2, II-1, III-3

(iv) I-2, II-3, III-1

3) कवि ने विभिन्न उदाहरणों के माध्यम से क्या संदेश दिया है?

(i) शरीर नाशवान है अतः जीव को डरना नहीं चाहिए।

(ii) हमें जीवन की परवाह न करके परोपकार करना चाहिए।

(iii) हरेक की पीड़ा को समझना चाहिए।

(iv) अपनी भूख की परवाह बिलकुल नहीं करनी चाहिए।

4) काव्यांश में प्रयुक्त अनादि शब्द का क्या अर्थ है?

(i) जो सदा बना चला आ रहा हो

(ii) जो सृष्टि पर सबसे पहले जन्मा हो

(iii) जिसका आदि या आरंभ न हो

(iv) जिसका न आदि हो न अंत

5) दधीचि ने दान में क्या दिया?

(i) हड्डियाँ

(ii) कवच-कुंडल

(iii) माँस

(iv) धन

प्रश्न-10 काव्य खंड पर आधारित निम्नलिखित प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25- 2X3=6

30 शब्दों में लिखिए।

(क) आज के जीवन में मनुष्य अनेक संकटों और मानसिक चुनौतियों से घिरा रहता है। 'आत्मजाण' कविता के संदेश को ध्यान में रखते हुए बताइए कि यह कविता हमें कौन-कौन से परिस्थितियों में कैसे आत्मबल प्रदान करती है।

(ख) 'मनुष्यता' कविता में कवि द्वारा प्रस्तुत मानवीय मूल्यों और विचारों का विश्लेषण कीजिए तथा स्पष्ट कीजिए कि कवि इन मूल्यों के माध्यम से समाज को क्या संदेश देना चाहता है।

(ग) 'कर चले हम फिदा' कविता में सैनिकों को राम-लक्ष्मण जैसा बनने का आह्वान किया गया है। इस भाव की तुलना किसी अन्य देशभक्ति से संबंधित कविता/अध्याय से करते हुए स्पष्ट कीजिए कि दोनों रचनाओं में त्याग और कर्तव्य की भावना कैसे व्यक्त हुई है।

(घ) कबीर की साखियाँ जीवन में महत्वपूर्ण मूल्य सिखाती हैं। बताइए कि ये साखियाँ हमें किस प्रकार सही मार्ग पर चलने और जीवन में अच्छी आदतें अपनाने की प्रेरणा देती हैं।

प्रश्न-11 पूरक पाठ संचयन पर आधारित निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के लगभग 40 3X2=6  
-50 शब्दों में लिखिए।

(क) 'हरिहर काका' पाठ के संदर्भ में विचार कीजिए कि कैसे लोगों की गहरी धार्मिक आस्था कभी-कभी महंतों और मठाधीशों के लोभ और स्वार्थ को बढ़ावा देती है। अपने विचारों को स्पष्ट कीजिए।

(ख) मास्टर प्रीतमचंद को स्कूल से क्यों निलंबित किया गया था? उस निलंबन के कारण और औचित्य पर विचार करते हुए, इस घटना से जो जीवन-मूल्य हमें सीखने को मिलते हैं, उन्हें स्पष्ट कीजिए।

(ग) कस्टोडियन शब्द से आप क्या समझते हैं? इफ्फन की दादी के मायके का घर कस्टोडियन क्यों चला गया? टोपी शुक्ला पाठ के आधार पर उत्तर दीजिए।

प्रश्न-12 निम्नलिखित में से किसी एक विषय पर दिए गए संकेत बिंदुओं के आधार पर लगभग 1X5=5  
120 शब्दों में एक अनुच्छेद लिखिए।

(i) बचाना है दुनिया को भूमंडलीय ऊष्मीकरण (ग्लोबल वार्मिंग) से

- स्वच्छ पर्यावरण के लिए जरूरी
- जागरूकता है जरूरी
- समाधान

(ii) आधुनिक जीवन में मोबाइल

- वर्तमान समय में मोबाइल की महत्ता
- मोबाइल फोन द्वारा प्राप्त होने वाली सुविधाएँ
- मोबाइल फोन से होने वाले नुकसान

(iii) घर में रखी 'खाना खाने की मेज

- छः लोगों की मेज, तीन बार अलग-अलग तरह का भोजन सजना
- खाने के समय पूरे परिवार का इकट्ठा होना, बातों की महफिल
- एक अद्भुत अनुभव।

प्रश्न-13 निम्नलिखित में से किसी एक विषय पर लगभग 100 शब्दों में पत्र लिखिए।

1X5=5

(क) आपके क्षेत्र में परीक्षा के समय लगातार इंटरनेट सेवा बाधित हो रही है, जिससे विद्यार्थियों की ऑनलाइन पढ़ाई और परीक्षा तैयारी प्रभावित हो रही है। इस समस्या की

ओर ध्यान आकर्षित करते हुए प्रबंधक, संबंधित इंटरनेट सेवा प्रदाता, नई दिल्ली को एक पत्र लिखिए।

अथवा

(ख) आपके क्षेत्र में सार्वजनिक बसों की अलियमितता एवं अत्यधिक भीड़ के कारण विद्यार्थियों और कार्यालय जाने वाले लोगों को भारी असुविधा हो रही है। इस समस्या की ओर ध्यान आकर्षित करते हुए प्रबंधक, राज्य परिवहन निगम, को एक पत्र लिखिए।

1X4=4

प्रश्न-14 निम्नलिखित में से किसी एक विषय पर लगभग 60 शब्दों में सूचना लिखिए।

(क) आप अपने विद्यालय के समाज-सेवा क्लब की ओर से वृद्धाश्रम के बुजुर्गों हेतु चादरें, कंबल तथा गर्म वस्त्र एकत्र करने का अभियान आयोजित कर रहे हैं। इस संबंध में विद्यार्थियों को सूचित करने के लिए एक सूचना लिखिए।

अथवा

(ख) आपका विद्यालय प्लास्टिक-मुक्त परिसर अभियान शुरू करने जा रहा है। इस संबंध में विद्यार्थियों को आवश्यक दिशा-निर्देश देने हेतु एक सूचना लिखिए।

1X3=3

प्रश्न-15 निम्नलिखित में से किसी एक विषय पर लगभग 40 शब्दों में विज्ञापन लिखिए।

(क) आपके शहर में विराट हास्य कवि सम्मेलन आयोजित होने जा रहा है। इसमें देश के प्रसिद्ध हास्य कवि आमंत्रित हैं। इसके प्रचार के लिए एक विज्ञापन तैयार कीजिए।

अथवा

(ख) बच्चों की पुस्तकों के प्रति रुचि बढ़ाने और उन्हें पढ़ने के लिए प्रेरित करने हेतु आपके विद्यालय में पुस्तक बदलो कार्यक्रम का आयोजन किया जा रहा है। इसके प्रचार-प्रसार के लिए एक आकर्षक विज्ञापन तैयार कीजिए।

प्रश्न-16 (क) मेरे बचपन की साहसिक घटना" विषय पर लगभग 100-120 शब्दों में एक लघुकथा लिखिए। 1X5=5

अथवा

आप परमजीत कौर/जितेंद्र सिंह हैं। आपके मोहल्ले के पार्क में अनधिकृत व्यक्तियों का जमावड़ा रहता है, जिसके कारण बच्चों को खेलने के लिए स्थान नहीं मिल पाता। इस समस्या के समाधान हेतु नगर निगम अधिकारी को लगभग 80 शब्दों में एक ई-मेल लिखिए।



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

PRE-BOARD EXAMINATION -I (2025 – 2026)

GRADE X

SET - 2

Date: 17.12.2025

Max Marks: 80

Subject: Hindi Course-B (085)

Time: 3 hours

खंड अ (वस्तुपरक प्रश्न)

1. निम्नलिखित गद्यांश को पढ़कर दिए गए प्रश्नों के उत्तर छॉटिए और लिखिए। (7)

भारत की जल संरक्षण परंपरा का इतिहास अत्यंत प्राचीन है और यह पर्यावरण संतुलन में महत्वपूर्ण भूमिका निभाती है। भारत के विभिन्न हिस्सों में जल संरक्षण की अनूठी तकनीकें विकसित की गई हैं, जो उस क्षेत्र की भौगोलिक स्थिति के अनुसार अनुकूलित हैं। राजस्थान के कुंड, गुजरात के बावड़ी, महाराष्ट्र के टैंक, और उत्तर भारत की नहरें जल संरक्षण की कुछ प्राचीन विधियाँ हैं। ये तकनीकें न केवल पानी को संरक्षित करती हैं, बल्कि समाज में जल के महत्व को भी बढ़ावा देती हैं। पारंपरिक जल संरक्षण तकनीकों के माध्यम से स्थानीय समुदायों ने सूखे और जल संकट जैसी समस्याओं का सामना किया है।

आज के समय में जल संकट एक गंभीर मुद्दा बन चुका है, और जल संरक्षण की पुरानी परंपराओं को फिर से अपनाने की आवश्यकता महसूस की जा रही है। सरकारी और गैर-सरकारी संगठनों द्वारा तालाबों, बावड़ियों, और नहरों के पुनर्निर्माण पर जोर दिया जा रहा है। साथ ही, वर्षा जल संचयन और आधुनिक तकनीकों के उपयोग से जल संरक्षण को बढ़ावा दिया जा रहा है। जल संरक्षण न केवल वर्तमान पीढ़ी के लिए, बल्कि भविष्य के लिए भी आवश्यक है, ताकि हम जल की इस अमूल्य धरोहर को संरक्षित रख सकें।

1) उपर्युक्त गद्यांश का मुख्य विषय क्या है? (1)

क) जल संकट                      ख) जल संरक्षण की परंपरा                      ग) जल प्रदूषण                      घ) जलवायु परिवर्तन

2) निम्नलिखित कथन (A) तथा कारण (R) को ध्यानपूर्वक पढ़िए। दिए गए विकल्पों में से एक सही विकल्प चुनकर लिखिए: (1)

कथन (A): राजस्थान में कुंड जल संरक्षण की एक प्राचीन विधि है।

कारण (R): राजस्थान में पानी का संकट नहीं है।

क) कथन (A) सही है, कारण (R) गलत है।

ग) कथन (A) तथा कारण (R) दोनों गलत हैं।

ख) कथन (A) सही है, और कारण (R) उसकी सही व्याख्या है।

घ) कथन (A) गलत है किन्तु कारण (R) सही है।

3) वर्षा जल संचयन का क्या महत्व है? (1)

क) जल संरक्षण को बढ़ावा देना

ग) पानी की बर्बादी करना

ख) पानी का आयात करना

घ) जल स्रोतों को प्रदूषित करना

4) भारत में जल संरक्षण की कुछ प्राचीन विधियाँ कौन-कौन सी हैं? (2)

5) जल संरक्षण का भविष्य में क्या महत्व है? (2)

ii. निम्नलिखित गद्यांश को पढ़कर दिए गए प्रश्नों के उत्तर छाँटिए और लिखिए।

भारत के प्राचीन विचारकों ने अच्छा नागरिक बनने के लिए कुछ नियमों का प्रावधान किया है। इन नियमों में वाणी और व्यवहार की शुद्धि, कर्तव्य और अधिकार का समुचित निर्वाह, शुद्धतम पारस्परिक सदभाव और सेवा की भावना आदि निम्न बहुत महत्त्वपूर्ण माने गए हैं। ये सभी नियम यदि एक व्यक्ति के चारित्रिक गुणों के रूप में भी अनिवार्य माने जाएँ तो उसका अपना जीवन सुखी और आनन्दमय हो सकता है। सभी गुणों का विकास एक बालक में यदि उसकी बाल्यावस्था से ही किया जाए तो वह अपने देश का श्रेष्ठ नागरिक बन सकता है। इन गुणों के कारण वह अपने परिवार, आस-पड़ोस, विद्यालय में अपने सहपाठियों एवं अध्यापकों के प्रति यथोचित व्यवहार कर सकेगा। वाणी एवं व्यवहार की मधुरता सभी के लिए सुखदायक होती है, समाज में हार्दिक सद्भाव की वृद्धि करती है, किंतु अहंकारहीन व्यक्ति ही सिग्ध वाणी और शिष्ट व्यवहार का प्रयोग कर सकता है। अहंकारी और दंभी व्यक्ति सदा अशिष्ट वाणी और व्यवहार का अभ्यासी होता है जिसका परिणाम यह होता है कि ऐसे आदमी के व्यवहार से समाज में शांति और सौहार्द का वातावरण नहीं बनता। जिस प्रकार एक व्यक्ति समाज में रहकर अपने व्यवहार से कर्तव्य और अधिकार के प्रति सजग रहता है, उसी तरह देश के प्रति भी उसका व्यवहार कर्तव्य और अधिकार की भावना से भावित रहना चाहिए। उसका कर्तव्य हो जाता है कि न तो वह स्वयं कोई ऐसा काम करें और न ही दूसरों को करने दें, जिसमें देश के सम्मान, संपत्ति और स्वाभिमान को तेस लगे। समाज एवं देश में शांति बनाए रखने के लिए धार्मिक सहिष्णुता भी बहुत आवश्यक है। यह पृत्ति तभी आ सकती है जब व्यक्ति संतुलित व्यक्तित्व का हो। यह आंतरिक प बाहरी संघर्ष से परे सामाजिकता की अनुभूति से परिपूर्ण व्यक्तित्व होना चाहिए।

1) उपर्युक्त गद्यांश का मुख्य विषय क्या है? (1)

क) बाल्यावस्था का महत्व

ग) अच्छे नागरिक बनने के नियम

ख) धार्मिक सहिष्णुता

घ) समाज में शांति बनाए रखना

2) वाणी एवं व्यवहार की मधुरता सभी के लिए सुखदायक होती है पंक्ति से क्या आशय है? (1)

क) मधुर वाणी समाज में सौहार्द बढ़ाती है

ग) कठोर वाणी का समाज पर असर नहीं पड़ता

ख) मधुर वाणी का जीवन पर कोई प्रभाव नहीं पड़ता

घ) मधुर वाणी केवल व्यक्तिगत लाभ देती है

3) निम्नलिखित कथन और निष्कर्ष को ध्यान से पढ़कर दिए गए विकल्प से सही उत्तर चुनकर लिखिए: (1)

कथन: अच्छे नागरिक के लिए कर्तव्य और अधिकार का समुचित निर्वाह आवश्यक है।

निष्कर्ष: यह समाज और देश में शांति बनाए रखने में सहायक होता है।

क) कथन सही है, लेकिन निष्कर्ष गलत है।

ग) कथन और निष्कर्ष दोनों सही हैं।

ख) कथन गलत है और निष्कर्ष सही है।

घ) कथन और निष्कर्ष दोनों गलत हैं।

4) सरल भाषा में अच्छे नागरिक के लिए नियमों की भूमिका स्पष्ट कीजिए। (2)

5) समाज में धार्मिक सहिष्णुता क्यों आवश्यक है? (2)

खंड 'ख' (व्यावहारिक व्याकरण)

iii. पदबंध पर आधारित पाँच प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर दीजिए-

4X1=4

1) अब खिड़की को बंद किया जा सकता है। वाक्य में क्रिया पदबंध को छाँटिये।

2) हम पढ़कर सो जाया करते हैं। रेखांकित पदबंध का नाम लिखिए।

3) देर होने के कारण राम तेज़-तेज़ दौड़ते हुए विद्यालय पहुँचा। क्रिया-विशेषण पदबंध पहचानिए।

4) उसकी कल्पना में वह अद्भुत साहसी युवक था। इस वाक्य में संज्ञा पदबंध क्या है?

(2) घर से भागा हुआ लड़का मिला गया। रेखांकित पदबंध का नाम लिखिए।

नीचे लिखे वाक्यों में से किन्हीं चार वाक्यों का निर्देशानुसार रचना के आधार पर वाक्य रूपांतरण

कीजिए-

4X1=4

- 1) उसके पिता जी की इच्छा थी। उनका बेटा ककील बने। (मिश्र वाक्य)
- 2) रात होते ही आकाश में तारों का मेला लग गया। (मिश्र वाक्य)
- 3) चाभीरो से मिलने के बाद तर्तारा के जीवन में परिवर्तन आया। (मिश्र वाक्य में)
- 4) नीरजा ने कहानी सुनाई। नमिता रो पड़ी। (सरल वाक्य)
- 5) वह भुबई गया। उसने वहाँ नया व्यापार शुरू किया। (संयुक्त वाक्य)

v. 'समास' पर आधारित पाँच प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर लिखिए -

4X1=4

- 1) 'मंगलवार' शब्द का समास विग्रह कीजिए और इसके भेद को विस्तार से समझाइए।
- 2) 'कर्मधारय' समास में पूर्व पद और उत्तर पद का कार्य बताइए।
- 3) 'वियोग समास' में पूर्व पद और उत्तर पद की भूमिका स्पष्ट कीजिए।
- 4) किसी वाक्य में सर्वनाम पदबंध की पहचान कैसे की जाती है, उदाहरण देकर स्पष्ट कीजिए।
- 5) सामासिक पद में प्रधान पद का निर्धारण कैसे किया जाता है?

vi. 'मुहावरे' पर आधारित पाँच प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर लिखिए -

4X1=4

- 1) 'आसमान सिर पर उठाना' और 'कान खा जाना' में अंतर स्पष्ट कीजिए।
- 2) "तुम मेहनत करो, मैं तुम्हें दिन दूना और रात चाँगुना फल दूंगा।" इस पंक्ति से मुहावरे को चुनें और वाक्य में प्रयोग करें।
- 3) कौए की चोंच में रोटी का टुकड़ा देखकर लोमड़ी के गया। (उपयुक्त मुहावरे द्वारा रिक्त स्थान की पूर्ति कीजिए।)
- 4) प्रातःकाल बिस्तर से उठते ही चाय पीना, फिर ब्रश करने का प्रचलन भारतीय संस्कृति की दृष्टि से जैसा है। (उपयुक्त मुहावरे द्वारा रिक्त स्थान की पूर्ति कीजिए।)
- 5) 'सागर में सागर भरना' का वाक्य बनाइए।

**खंड ग - गद्य खंड (पाठ्यपुस्तक)**

vii. अनुच्छेद को ध्यानपूर्वक पढ़कर निम्नलिखित प्रश्नों के उत्तर दीजिये:

5X1=5

एक दिन संध्या समय, होस्टल से दूर मैं एक कनकौआ लूटने बेतहाशा दौड़ा जा रहा था। आँखें आसमान की ओर थीं और मन उस आकाशगामी पथिक की ओर, जो मंद गति से झूमता पतन की ओर चला आ रहा था, मानो कोई आत्मा स्वर्ग से निकलकर विरक्त मन से नए संस्कार ग्रहण करने जा रही हो। बालकों की पूरी सेना लगे और झाड़ुदार बाँस लिए इनका स्वागत करने को दौड़ी आ रही थी। किसी को अपने आगे-पीछे की खबर नहीं। सभी मानो उस पतंग के साथ ही आकाश में उड़ रहे थे, जहाँ सब कुछ समतल है, न मोटरकारें हैं, न ट्राम, न गाड़ियाँ।

सहसा भाई साहब से मेरी मुठभेड़ हो गई, जो शायद बाजार से लौट रहे थे। उन्होंने वहीं हाथ पकड़ लिया और उग्र भाव से बोले-इन बाजारी लौंडों के साथ धेले के कनकौए के लिए दौड़ते तुम्हें शर्म नहीं आती? तुम्हें इसका भी कुछ लिहाज नहीं कि अब नीची जमात में नहीं हो, बल्कि आठवीं जमात में आ गए हो और मुझसे केवल एक दरजा नीचे हो। आखिर आदमी को कुछ तो अपनी पोजीशन का खयाल रखना चाहिए।

1) संध्या समय होस्टल से दूर लेखक बेतहाशा क्यों दौड़ा जा रहा था?

क) भाई साहब रास्ते में न मिल जाएँ

ख) कमकौआ सूटने के लिए

ग) बड़े भाई साहब की मार से बचने के लिए

घ) अध्यापक से डरकर

2) आकाशगामी पथिक से लेखक किसकी ओर इंगित कर रहा है?

क) पक्षी की ओर

ख) सूर्य की ओर

ग) पतंग की ओर

घ) बड़े भाई साहब की ओर

3) बाजार में लेखक की किससे मुठभेड़ हो गई?

क) बड़े भाई साहब से

ख) पिताजी से

ग) अध्यापक से

घ) एक मित्र से

4) अब नीची जमात में नहीं हो, बल्कि आठवीं जमात में आ गए हो यह कथन किसके लिए कहा गया है?

क) लेखक के मित्र के लिए

ग) इनमें से कोई नहीं

ख) बड़े भाई साहब के लिए

घ) लेखक के लिए

5) मुझसे केवल एक दरजा नीचे हो कथनानुसार लेखक के बड़े भाई साहब किस कक्षा में थे?

क) सातवीं कक्षा में

ख) नौवीं कक्षा में

ग) आठवीं कक्षा में

घ) दसवीं कक्षा में

VIII. निम्नलिखित प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में दीजिए:

2X3=6

- 1) डायरी का पन्ना पाठ में जनता आजादी का पर्व मनाने के लिए अत्यन्त उत्साहित थी, पर पुलिस इस पर्व को मनाने के लिए जनता को हतोत्साहित कर रही थी। पुलिस के लिए यह आयोजन रोकना आवश्यक था, क्यों? तर्क संगत उत्तर दीजिए।
- 2) झेन को देन के आधार पर स्पष्ट कीजिए कि कौन निरर्थक बोलता है और क्यों?
- 3) अफगानिस्तान के बादशाह को हिंदुस्तान पर हमला करने के लिए वजीर अली ने क्यों बुलाया?
- 4) शैलेन्द्र ने तीसरी कसम में किस प्रकार रेणु की मूल पट-कथा को पूर्ण आकार प्रदान किया?

खंड ग - काव्य खंड (पाठ्यपुस्तक)

IX. अनुच्छेद को ध्यानपूर्वक पढ़कर निम्नलिखित प्रश्नों के उत्तर दीजिये:

5X1=5

क्षुधार्त रतिदेव ने दिया करस्थ थाल भी,  
तथा दधीचि ने दिया परार्थ अस्थिजाल भी।  
उशीनर-शिक्षितीश ने स्वमांस दान भी किया,  
सहर्ष वीर कर्ण ने शरीर-चर्म भी दिया।  
अनित्य देह के लिए अनादि जीव क्या उरे?  
वही मनुष्य है कि जो मनुष्य के लिए मरे।।

1) रतिदेव कौन थे?

क) परम दानी राजा

ग) वीर राजा

ख) कुशल-समझदार राजा

घ) बुद्धिमान-शिक्षित राजा

2) स्तंभ 'अ' और स्तंभ 'ब' को सुमेलित करके सही विकल्प चुनिए:

स्तंभ 'अ'

स्तंभ 'ब'

1. उशीनर

अपने शरीर की चमड़ी भी दान में दी

2. दधीचि

अपना माँस देकर कबूतर के प्राण बचाए

3. कर्ण

अशियाँ देकर देवताओं की सहायता की

क) I-1, II-2, III - 3

ख) I-1, II-3, III - 2

ग) I-2, II-1, III - 3

घ) I-2, II-3, III - 1

3) कवि ने विभिन्न उदाहरणों के माध्यम से क्या संदेश दिया है?

क) शरीर नाशवान है अतः जीव को डरना नहीं चाहिए।

ख) हमें जीवन की परवाह न करके परोपकार करना चाहिए।

ग) हरेक की पीड़ा को समझना चाहिए।

घ) अपनी भूख की परवाह बिलकुल नहीं करनी चाहिए।

4) काव्यांश में प्रयुक्त अनादि शब्द का क्या अर्थ है?

क) जो सदा बना चला आ रहा हो

ख) जो सृष्टि पर सबसे पहले जन्मा हो

ग) जिसका आदि या आरंभ न हो

घ) जिसका न आदि हो न अंत

5) दधीचि ने दान में क्या दिया?

क) हड्डियाँ

ख) कवच-कुंडल

ग) माँस

घ) धन

X. निम्नलिखित प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में दीजिए:

2X3=6

1) दूसरे पद में मीराबाई श्याम की चाकरी क्यों करना चाहती हैं? स्पष्ट कीजिए।

2) पर्वत प्रदेश में पावस कविता में तालाब की तुलना किससे की गई है और क्यों?

3) कवि ने सैनिकों को राम-लक्ष्मण जैसा बनने के लिए क्यों कहा है? 'कर चले हम फ़िदा' कविता के आधार पर बताइए।

4) कवि ने ईश्वर से दुःख दूर करने की प्रार्थना क्यों नहीं की? आत्मत्राण कविता के आधार पर बताइए।

खंड ग - संचयन (पूरक पाठ्यपुस्तक)

XI. निम्नलिखित प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 50-60 शब्दों में दीजिए:

3X2=6

1) उम्र का अंतर आत्मीय संबंधों के बीच बाधक नहीं बनता इस कथन को हरिहर काका और टोपी शुक्ला पाठों के संदर्भ में समझाकर लिखिए।

2) सपनों के से दिन पाठ के आधार पर बताइए कि ओमा कौन था? उसकी क्या विशेषता थी?

3) कस्टोडियन शब्द से आप क्या समझते हैं? इफ़्रन की दादी के मायके का घर कस्टोडियन क्यों चला गया? टोपी शुक्ला पाठ के आधार पर उत्तर दीजिए।

खंड घ- रचनात्मक लखन

XII. निम्नलिखित में से किसी एक विषय पर लगभग 120 शब्दों में अनुच्छेद लिखिये:

5X1=5

1) बचाना है दुनिया को भूमंडलीय ऊष्मीकरण (ग्लोबल वार्मिंग) से विषय पर दिए गए संकेत बिंदुओं के आधार पर अनुच्छेद लिखिए।

\* स्वच्छ पर्यावरण के लिए जरूरी

\* जागरूकता है जरूरी

\* समाधान

2) आधुनिक जीवन में मोबाइल विषय पर दिए गए संकेत बिंदुओं के आधार पर अनुच्छेद लिखिए।

\* वर्तमान समय में मोबाइल की महत्ता

\* मोबाइल फोन द्वारा प्राप्त होने वाली सुविधाएँ

\* मोबाइल फोन से होने वाले नुकसान

3) घर में रखी 'खाना खाने की मेज' विषय पर दिए गए संकेत बिंदुओं के आधार पर अनुच्छेद लिखिए।

- छः लोगों की मेज
- तीन बार अलग-अलग तरह का भोजन सजना
- खाने के समय पूरे परिवार का इकट्ठा होना
- बातों की महफिल
- एक अद्भुत अनुभव।

XIII. रेल द्वारा बुक कराकर भेजा गया घरेलू सामान आपके निवास के निकटस्थ स्टेशन तक नहीं पहुँचा है। इसकी शिकायत करते हुए रेल प्रबंधक को एक पत्र लिखिए।

4X1=4

अथवा

परीक्षा के दिनों में अनियमित विद्युत् आपूर्ति की समस्या की ओर ध्यान आकर्षित करते हुए प्रबंधक, राज्य विद्युत् आपूर्ति निगम को पत्र लिखिए।

XIV. समाज-सेवा कब किसी वृद्धाश्रम के लिए चादर, कंबल और गर्म कपड़े एकत्र करना चाहता है। उसके लिए 40-50 शब्दों में सूचना लिखिए।

4X1=4

अथवा

आप राहुल, बाल भारती स्कूल के हैड ब्याय हैं। आपके विद्यालय ने एक चैरिटी शो आसपास के गरीब लोगों के लिए रखा है। इसके लिए विद्यार्थियों को सहयोग देने हेतु 25-30 शब्दों में सूचना लिखिए।

XV. आपके शहर में विराट हास्य कवि सम्मेलन आयोजित होने जा रहा है। इसमें देश के प्रसिद्ध हास्य कवि आमंत्रित हैं। इसके प्रचार के लिए एक विज्ञापन लगभग 25-50 शब्दों में तैयार कीजिए।

3X1=3

अथवा

बच्चों की पुस्तकों के प्रति रुचि बढ़ाने और उन्हें पढ़ने के लिए प्रेरित करने हेतु आपके विद्यालय में पुस्तक बदलो कार्यक्रम का आयोजन किया जा रहा है। इसके प्रचार-प्रसार के लिए एक आकर्षक विज्ञापन लगभग 60 शब्दों में तैयार कीजिए।

XVI. आप परमजीत कौर/जितेंदर सिंह हैं। आपके मोहल्ले के पार्क में अनपेक्षित व्यक्तियों का जमावड़ा रहता है। जिसके कारण बर्थों को खेलने का स्थान नहीं मिल पाता। इस समस्या के निदान के लिए नगर-निगम अधिकारी को लगभग 80 शब्दों में ई-मेल लिखिए।

5X1=5

अथवा

"मेरे बचपन की साहसिक घटना" विषय पर लगभग 100-120 शब्दों में एक लघुकथा लिखिए।



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

PRE-BOARD EXAMINATION - I (2025 - 2026)

GRADE X

Date: 17.12.2025

SET - I

Max Marks: 80

Subject: Sanskrit (122)

Time: 3 Hours

सामान्यनिर्देशाः -

- \* कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे पृष्ठानि मुद्रितानि सन्ति।
- \* कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 18 प्रश्नाः सन्ति।
- \* अस्मिन् प्रश्नपत्रे चत्वारः खण्डाः सन्ति।

'क' खण्डः	: अपाठितावबोधनम्	10 अङ्काः
'ख' खण्डः	: रचनात्मककार्यम्	15 अङ्काः
'ग' खण्डः	: अनुप्रयुक्तव्याकरणम्	25 अङ्काः
'घ' खण्डः	: पाठितावबोधनम्	30 अङ्काः

- \* प्रत्येकं खण्डम् अधिकृत्य उत्तराणि एकस्मिन् स्थाने क्रमेण लेखनीयानि।
- \* उत्तरलेखनात्पूर्वं प्रश्नस्य क्रमाङ्कः अवश्यं लेखनीयाः।
- \* प्रश्नस्य क्रमाङ्कः प्रश्नपत्रानुसारं एव लेखनीयः।
- \* सर्वेषां प्रश्नानाम् उत्तराणि संस्कृतेन एव लेखनीयानि।
- \* प्रश्नानां निर्देशाः ध्यानेन अवश्यं पठनीयाः।

{ खण्ड- क अपाठित गद्यांशः 10 अङ्काः }

1. अपाठित गद्यांशं पठित्वा प्रश्नान् उत्तरत - [10M]

पुरा अस्माकं देशे बहवः प्रसिद्धाः राजानः अभवन् । तेषु दुष्यन्तः नाम एकः नृपः आसीत् । तस्य भार्या शकुन्तला आश्रमे पुत्रम् अजनयत् । तस्य नाम भरतः आसीत् । भरतः शैशवस्थायां अपि आश्रमे सिंहशावकैः सह क्रीडति स्म । एकस्य सिंहशावकस्य मुखम् उद्घाटयत् अवदत् च - "जम्भस्व सिंह! दन्तान् ते गणयिष्यामि" । सिंहशावकः अपि जानाति स्म यत् भरतः अपि मया सदृशः शिशुः अस्ति, मया सह च क्रीडति अतः सः भरताय न क्रुध्यात् । न च आक्राम्यत् । तत्र तापसीभ्यां निषिद्धः अपि भरतः कथयति स्म नाहं सिंहात् बिभेमि । इत्थम् आसीत् सः निर्भयः वीरः भरतः । भरतस्य अभिधानेन एव अस्माकं देशस्य आर्यावर्तस्य नाम "भारतम्" अभवत् ।

अ. एकपदेन उत्तरत (केवल प्रश्न द्वयम्) - (1X2) 2M

- निर्भयः वीरः कः आसीत् ?
- भरतः कैः सह क्रीडति स्म ?
- भरतस्य मातुः नाम किम् ?

आ. पूर्णवाक्येन उत्तरत (केवल प्रश्न द्वयम्) - (2X2) 4M

- भरतः सिंहशावकं किम् अवदत् ?

(ii) सिंहशावकः भरताय किमर्थम् न कुर्वति न च आकाङ्क्षति ?

(iii) भरतः तापस्यो किम् कथयति स्म ?

इ. गद्यांशस्य कृते समुचितं शीर्षकं लिखत - 1M

ई. भाषिक - कार्यम् (केवल प्रश्न त्रयम्) - (1X3) 3M

(i) इत्थम् आसीत् सः निर्भयः वीरः भरतः । वाक्ये क्रिया पदं किम् ?

(क) इत्थम् (ख) आसीत् (ग) सः (घ) भरतः

(ii) 'सदृशः' इति विशेषणपदस्य विशेष्य पदं किम् ?

(क) नृपः (ख) वीरः (ग) शिशुः (घ) निर्भयः

(iii) 'नृपाः' इति पदस्य किम् पर्यायवाची पदं गद्यांशे प्रयुक्तम् ?

(क) सिंहशावकः (ख) दन्तान् (ग) राजानः (घ) प्रसिद्धाः

(खण्डः ख : रचनात्मककार्यम् 15 अङ्काः)

2. (अ) भवान् जयपुरवासी राजेन्द्रः असि । स्वमित्र मुकेशं स्वभगिन्याः विवाहे निमत्रयितुम् पत्रं मञ्जूषायाः सहायतया लिखत - 5M

मञ्जूषा -

भविष्यति, मम, नमः, वरयात्रा, राकेशेन, जयपुरतः, सहाय्यम्, भगिन्यः, अभिन्नहृदयः, त्रिदिनानि, ज्ञात्वा, प्रियमित्र मुकेशः, राजेन्द्रः, अस्मिन् मङ्गलावसरे, दिव्यायाः विवाहः, दिसम्बर-मासस्य एकादशतिथौ, स्वपरिवारेण, उत्साहं विश्वासं च वर्धिष्यते

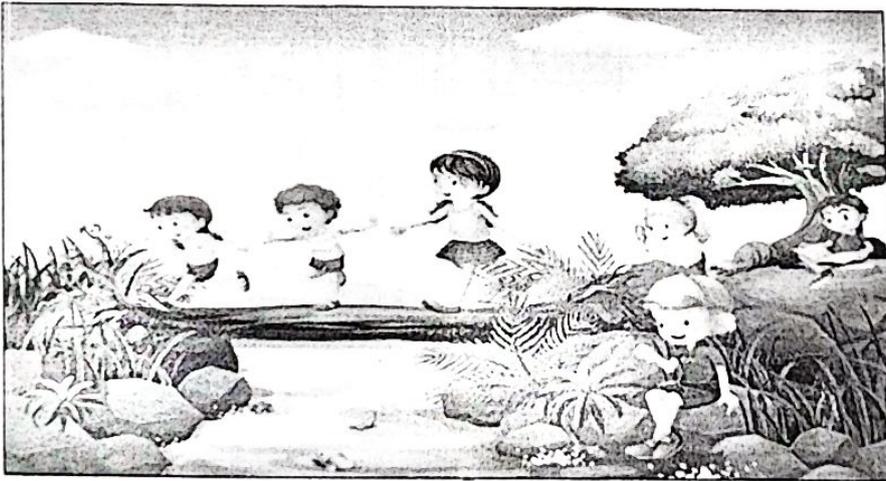
अथवा

(आ) भवान् शिखरः प्राचार्यमहोदयाय अनुपस्थितिश्चात् क्षमायाचनपत्रं मञ्जूषायां प्रदत्त पदसहाय्येन पूरयित्वा पुनः लिखत -

मञ्जूषा -

कदापि, भवता, अनुपस्थितिः, प्रथमः, शिष्यः, निवेदनम्, गत, अहम्, दण्डितः, दिने, श्रीप्रधानाचार्यमहोदयः, सप्ताहे पञ्चमतिथौ, मान्यवरा, अवकाशम्, अनादाय, क्षन्तव्या इति, सधन्यवादम्

3. प्रदत्त चित्रं दृष्ट्वा मञ्जूषायाः पद सहायतया पञ्चवाक्यानि लिखत - (1X5) 5M



मञ्जूषा -

सः गौराङ्गः अस्ति ।

(क) गौराणि अङ्गानि यस्य सः (ख) गौराणि अङ्गानि (ग) गौरम् अङ्गम् (घ) गौरिणं अङ्गेन सहितः

(iii) श्रुगालेन सहितम् आगच्छन्तं वृषाद्यं सा अवश्यत् ।

(क) उपश्रुगालम् (ख) प्रतिश्रुगालम् (ग) अनुश्रुगालम् (घ) सश्रुगालम्

(iv) ग्रामे जलस्य अभावः आसीत् ।

(क) निर्जलम् (ख) उपजलम् (ग) प्रतिजलम् (घ) अनुजलम्

7. अधोलिखित वाक्येषु रेखाङ्कितपदानाम् प्रकृति प्रत्ययं योजयित्वा / विभज्य वा लिखत - (1X4) 4M

(i) रूप + मतुप् अहंकारिणः न भवेयुः ।

(क) रूपमन्तः (ख) रूपवन्तः (ग) रूपवानः (घ) रूपवानाः

(ii) एषा बालिका उत्तम + टाप् अस्ति ।

(क) उत्तमः (ख) उत्तमम् (ग) उत्तमा (घ) उत्तमया

(iii) भाषणे मृदु + त्व आवश्यकम् ।

(क) मृदुत्वम् (ख) मृदुत्वा (ग) मृदुत्वे (घ) मृदुता

(iv) सदाचारवान् विवेकी भवति ।

(क) सदा + आचारवान् (ख) सदाचार + मतुप् (ग) सदाचार + मान् (घ) सदाचार + शतृ

8. वाचानुसारम् उचितपदैः रिक्तस्थानानि पूरयित्वा अधोलिखितवाक्यानि पुनः लिखत - (1X3) 3M

(i) छात्राः \_\_\_\_\_ स्मरन्ति ।

(क) पाठान् (ख) पाठाः (ग) पाठेन (घ) पाठात्

(ii) \_\_\_\_\_ गृहं गम्यते ।

(क) त्वम् (ख) त्वया (ग) तव (घ) तुभ्यम्

(iii) \_\_\_\_\_ पुस्तकम् पठ्यते ।

(क) तेन (ख) सः (ग) तम् (घ) तस्य

9. समयवाचक पदेन वाक्ये रिक्तस्थानम् पूरयत -

(1X4) 4M

(i) प्रातः \_\_\_ (5:45) जागरणम् ।

(ii) प्रातः \_\_\_ (6:30) योगाभ्यासः ।

(iii) मध्याह्ने \_\_\_ (12:45) भोजनम् ।

(iv) सायं \_\_\_ (3:00) चर्चा ।

10. मञ्जूषायां प्रदत्तैः उचितैः अव्ययपदैः वाक्ये रिक्तस्थानं पूरयत -

(1X3) 3M

(i) हयाः नागाः \_\_\_\_\_ बोधिताः वहन्ति ।

(ii) \_\_\_\_\_ दैवात् फलं नास्ति वृक्षस्य छाया केन निवार्यते ।

(iii) अपरः वानरः सिंहस्य कर्णमाकृष्य \_\_\_\_\_ वृक्षस्योपरि आरोहत् ।

मञ्जूषा -

यदि, च, पुनः

अधोलिखित विषयमाधृत्य मञ्जूषायाः सहायतया संस्कृते एकं सद्य अनुच्छेदं लिखत -

"वायुप्रदूषणम्"

मञ्जूषा -

स्वास्थ्यम्, पर्यावरणस्य, रक्षकाः, उद्योगानाम्, प्राणवायुम्, वृक्षारोपणम्, उपायाः, शासिका, अद्यत्वे, सहायकाः, भवन्ति, वातावरणे, वहनानाम्, कारखानानाम्, विषाक्तम्,

4. अधोलिखित वाक्यानि संस्कृतभाषायां अनूद्य लिखत - (1X5) 5M

(i) छात्राएँ कहाँ पढ़ती है ।

Where the girls are studying .

(ii) तुम सब विद्यालय जावो ।

All of you go to school .

(iii) वह खेला ।

He played .

(iv) तुम्हें हँसना चाहिए ।

You must laugh .

(v) गीता गाना गाएगी ।

Gita will sing a song .

(खण्डः ग : अनुप्रयुक्तव्याकरणम् 25 अङ्काः)

5. अधोलिखित वाक्येषु रेखाङ्कितपदाम् सन्धि/सन्धि विच्छेदं वा कुरुत

- (1X4) 4M

(i) पतिरेवम् अस्ति ।

(ii) धिङ्गाम् अधन्यम् ।

(iii) स्वीक्रीयताम् तत् + धनुः ।

(iv) कवेः + उदयः ।

अथवा

(आ) अधोलिखित वाक्येषु रेखाङ्कितपदाम् सन्धि/सन्धि विच्छेदं वा कुरुत

(i) पण्डितः + जनः ।

(ii) एषा महिषीः + इति जानामि ।

(iii) अस्मिन् कार्यक्रमे महदाडम्बरम् अस्ति ननु ।

(iv) भक्तः + सेवते देवम् ।

6. अधोलिखित वाक्येषु रेखाङ्कितपदाम् समासं / विग्रहं वा लिखत - (1X4) 4M

(i) प्रपश्यामि ग्रामान्ते निर्झर-नदी-पयःपूरम् ।

(क) ग्रामाय अन्ते

(ख) ग्रामे अन्ते

(ग) ग्रामस्य अन्ते

(घ) ग्रामम् अन्ते

(i) शाखेषु खगाः सन्ति ।

- (क) शाखा (ख) शाखी (ग) शाखान् (घ) शाखाम्

(ii) वनः अनिचिरनुनय अस्ति ।

- (क) वनम् (ख) वने (ग) वनान् (घ) वनाय

(iii) उपवनः वृन्दरय अस्ति ।

- (क) उपवनान् (ख) उपवने (ग) उपवनम् (घ) उपवनम्

(खण्डः घ : पाठितावबोधनम् 30 अङ्काः)

12. पाठित पद्यांशं पठित्वा प्रश्नान् उत्तरत -

वनस्य दृश्यम् । समीपे एवैका नदी प्रवहति । एकः सिंहः सुखेन विश्रामति । तदैव एकः वानरः आगत्य तस्य पुच्छं धुनाति । क्रुद्धः सिंहः तं प्रहर्तुमिच्छति परं वानरस्तु क्रुदित्वा वृक्षमारूढः । तदैव अन्यस्मात् वृक्षात् अपरः वानरः सिंहस्य कर्णमाकृष्य पुनः वृक्षोपरि आरोहति । एवमेव वानराः वारं वारं सिंहं तुदन्ति ।

I. एकपदेन उत्तरत (केवल प्रश्न द्वयम्) -

(½X2) 1M

- (i) कस्य दृश्यम् अस्ति ?  
(ii) का वहति ?  
(iii) एका नदी कुत्र वहति ?

II. पूर्णवाक्येन उत्तरत (केवल प्रश्न द्वयम्) -

(1X2) 2M

- (i) कः विश्रामं करोति ?  
(ii) यदा सिंहः सुखेन विश्रामं करोति तदा एकः वानरः किं करोति ?  
(iii) अपरः वानरः किं करोति ?

III. (अ) निर्देशानुसारम् उत्तरत -

(½X4) 2M

- (i) आरूढः इत्यस्य कर्तृपदं किम् ?  
(ii) अन्यस्मात् वृक्षात् - अत्र विशेषणपदं किम् ?  
(iii) क्रुद्धः सिंहः तं प्रहर्तुमिच्छति - अत्र क्रियापदं किम् ?  
(iv) समीपे एवैका नदी प्रवहति । वाक्ये नदी इतिपदस्य क्रियापदम् किम् ?

13. पाठित पद्यांशं पठित्वा प्रश्नान् उत्तरत -

गुणी गुणं वेत्ति न वेत्ति निर्गुणे बली बलं वेत्ति न वेत्ति निर्बलः ।  
पिको वसन्तस्य गुणं न वायसः करी च सिंहस्य बलं न मूषकः ॥

(½X2) 1M

I. एकपदेन उत्तरत (केवल प्रश्न द्वयम्) -

- (i) कः गुणं वेत्ति ?  
(ii) कः बलं वेत्ति ?  
(iii) कः सिंहस्य बलं जानाति ?

(1X2) 2M

II. पूर्णवाक्येन उत्तरत (केवल प्रश्न द्वयम्) -

- (i) सिंहस्य बलं कः जानाति कः न जानाति ?  
(ii) वायसः कस्य गुणं न जानाति ?

(iii) मूषकः कस्य शलं न वेत्ति ?

III. (अ) यथा निर्देशम् उत्तरत -

- (i) पद्यांशे "काकः" इति पदस्य समानार्थकं पदं किम् प्रयुक्तम् ?
- (ii) "निर्गुणः" इति पदस्य विलोमपदं पद्यांशात् चित्वा लिखत ?
- (iii) अत्र "कोकिलः" इति पदस्य पर्यायवाची पदं किम् प्रयुक्तम् अस्ति ?
- (iv) गुणी गुणं वेत्ति । वाक्ये क्रियापदम् किम् ?

14. पाठित्वा नाट्यांशं पठित्वा प्रश्नान् उत्तरत -

भयाकुलम् व्याघ्रं दृष्ट्वा कश्चित् धूर्तः शृगालः हसन् आह - भवान् कुतः भयात् पलायितः ?

व्याघ्रः - गच्छ जम्बूक त्वमपि किञ्चित् गूढप्रदेशं यतः व्याघ्रमरी शास्त्रे श्रूयते ? तथा अहं हन्तुं आरब्धः परं गृहीतकरजीवितः नष्टः शीघ्रं तत् अग्रतः ।

शृगालः - व्याघ्र! त्वया महत्कौतुकम् आवेदितम् यन्मानुषादपि विभेषी ?

व्याघ्रः - प्रत्यक्षमेव मया सात्मपुत्रावैककशो मामनुत्तुम् कलहायमानौ चपेटया प्रहरन्ती दृष्ट्वा ।

जम्बूकः - स्वामिन् यत्रास्ते सा धूर्ता तत्र गम्यताम् । व्याघ्र ! तव पुनः तत्र गतस्य सा सम्मुखमपीक्षते यदि, तर्हि त्वा अहं हन्तव्यः इति ।

व्याघ्रः - शृगाल! यदि त्वं मां मुक्त्वा यासि तदा वेला अपि अवेला स्यात् ।

जम्बूकः - यदि एवं तर्हि मां निजगले बध्वा चल सत्वरम् सः व्याघ्रः तथा कृत्वा काननं ययौ ।

I. एकपदेन उत्तरत (केवल प्रश्न द्वयम्) -

(½X2) 1M

- (i) कश्चित् धूर्तः शृगालः हसन् किम् आह ?
- (ii) महत्कौतुकम् कः आवेदितवान् ?
- (iii) सः व्याघ्रः तथा कृत्वा कुत्र ययौ ?

II. पूर्णवाक्येन उत्तरत (केवल प्रश्न द्वयम्) -

(1X2) 2M

- (i) भयाकुलम् व्याघ्रं दृष्ट्वा शृगालः किम् आह ?
- (ii) व्याघ्रेण किम् महत्कौतुकम् आवेदितम् ?
- (iii) व्याघ्रेण का दृष्ट्वा ?

III. (अ) निर्देशानुसारम् उत्तरत -

(½X4) 2M

- (i) भवान् कुतः भयात् पलायितः ? वाक्ये क्रिया पदं किम् ?
- (ii) "मन्दम्" इति पदस्य विलोम पदं नाट्यांशात् चित्वा लिखत ?
- (iii) गच्छ जम्बूक त्वमपि किञ्चित् गूढप्रदेशम् । वाक्ये 'गच्छ' इति क्रियापदस्य कर्तृ पदं किम् ?
- (iv) कश्चित् धूर्तः शृगालः हसन् आह । वाक्ये क्रियापदम् किम् ?

15. रेखाङ्कित पदम् आधृत्य प्रश्न निर्माणं कुरुत -

(1X4) 4M

- (i) सर्वे प्रकृतिमातरं प्रणमन्ति ।
- (ii) पुत्रं द्रष्टुं सः प्रस्थितः ।
- (iii) सुराधिपः ताम् अपृच्छत् ।
- (iv) धैर्यवान् लोके परिभवं न प्राप्नोति ।

16. मञ्जूषायां प्रदत्त पदसहाय्येन अन्वये रिक्तस्थानं पूरयित्वा पुनः लिखत अथवा भावार्थम् पूरयित्वा ता लिखत - (1X4) 4M

आपेदिरेऽम्बरपथं परितः पतङ्गाः

भृङ्गा रसालमुकुलानि समाश्रयन्ते ।

सङ्कोचमञ्जति सरसस्त्वयि स दीनदीनो

मीनो नु हन्त कतमां गतिमभ्युपैतु ॥

अन्वयः

पतङ्गाः परितः \_\_\_\_\_ आपेदिरे, भृङ्गाः \_\_\_\_\_ समाश्रयन्ते ।

हे सरः! त्वयि \_\_\_\_\_ अञ्जति, हन्त \_\_\_\_\_ मीनः नु कतमां गतिम् अभ्युपैति ।

मञ्जूषा -

रसालमुकुलानि, दीनदीनः, सङ्कोचम्, अम्बरपथम्

अथवा

आचारः प्रथमो धर्मः इत्येतत् विदुषां वचः ।

तस्मात् रक्षेत् सदाचारं प्राणेभ्योऽपि विशेषतः ॥

भावार्थम् -

आचारः \_\_\_\_\_ धर्मः अस्ति, एवं \_\_\_\_\_ विद्वांसः \_\_\_\_\_ । अतः प्राणेभ्यः अपि \_\_\_\_\_ सदाचारः संरक्षणीयः ।

मञ्जूषा -

विशेषरूपेण, प्रथमः, वदन्ति, जनाः

17. प्रदत्त वाक्यानि घटनाक्रमानुसारम् पुनः लिखत -

(½X8) 4M

1. तस्यामेव रात्रौ तस्मिन् गृहे कश्चन चौरः प्रविष्टः ।
2. करूणापरो गृही तस्मै आश्रयं प्रायच्छत् ।
3. कश्चन निर्धनो जनः भूरि परिश्रम्य किञ्चित् वित्तमुपार्जितवान् ।
4. यद्यपि ग्रामस्य आरक्षी एव चौरः आसीत् ।
5. अस्मिन् चौर्याभियोगे त्वं वर्षत्रयस्य कारादण्डं लप्स्यसे इति ।
6. न्यायाधीशः आरक्षीणम् अभियुक्तं च तं शवं न्यायालये आनेतुमादिष्टवान् ।
7. आदेशं प्राप्य उभौ प्राचालताम् ।
8. न्यायाधीशः आरक्षिणे कारादण्डमादिश्य तं ससम्मानं मुक्तवान् ।

18. रेखाङ्कित पदानां प्रसङ्गानुकूलं उचितार्थं लिखत -

(1X3) 3M

(i) शतशकटीयानं कज्जलमलिनं धूमं मुञ्चति ।

(क) भ्रमति (ख) त्यजति (ग) वहति (घ) गच्छति

(ii) तस्याः पुत्रौ व्याघ्रभक्षणाय कलहं कुरुथः ।

(क) कालम् (ख) मित्रता (ग) हालाहलम् (घ) विवादम्

(iii) हिमकरः अपि बालभावात् पशुपति मस्तके केतकच्छदत्वम् व्रजति ।

(क) सूर्यः (ख) उडुपः (ग) चन्द्रः (घ) हिमालयः



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

PRE-BOARD EXAMINATION -I (2025 - 2026)

GRADE X

Date: 17.12.2025

SET - 2

Max Marks: 80

Subject: Sanskrit (122)

Time: 3 hours

General Instructions:

सामान्यनिर्देशाः -

- \* कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 7 पृष्ठानि मुद्रितानि सन्ति।
- \* कृपया सम्यक्तया परीक्षणं कुर्वन्तु यत् अस्मिन् प्रश्नपत्रे 18 प्रश्नाः सन्ति।
- \* अस्मिन् प्रश्नपत्रे चत्वारः खण्डाः सन्ति।

'क' खण्डः : अपठितावबोधनम् 10 अङ्काः

'ख' खण्डः : रचनात्मककार्यम् 15 अङ्काः

'ग' खण्डः : अनुप्रयुक्तव्याकरणम् 25 अङ्काः

'घ' खण्डः : पाठितावबोधनम् 30 अङ्काः

- \* प्रत्येकं खण्डम् अधिकृत्य उत्तराणि एकस्मिन् स्थानेक्रमेणलेखनीयानि।
- \* उत्तरलेखनात्पूर्वप्रश्नस्यक्रमाङ्कःअवश्यंलेखनीयाः।
- \* प्रश्नस्यक्रमाङ्कःप्रश्नपत्रानुसारंएवलेखनीयः।
- \* सर्वेषांप्रश्नानामुत्तराणिसंस्कृतेनएवलेखनीयानि।
- \* प्रश्नानानिर्देशाःध्यानेनअवश्यंपठनीयाः।

'क'- खण्डः

अपठितावबोधनम् 10 अङ्काः

1. अधोलिखितं परिच्छेदं पठित्वा यथानिर्देशम् उत्तराणि लिखत।

उद्यमी एव सर्वं प्राप्नोति। निरुद्यमी तु सदैव मानसिक पीडाम् अनुभवति। सफलता उद्यमी पुरुषस्य एव चरणौ स्पृशति। उद्यमेन धनम्; धनेन च कलियुगे सुखं मिलति। भर्तृहरिणा अपि कथितम् - 'सर्वेगुणाः काञ्चनम् आश्रयन्ति।' सर्वेः उद्यमेन धनं प्राप्तव्यं न तु चौर्येण, कपटेन उत्कोच-ग्रहणेन वा। उद्यमेन प्राप्तं धनमेव फलति परं चौर्येण कपटेन वा प्राप्तं धनं जीवननाशं करोति। यः जनः चौर्यं कपटं वा कृत्वा धनार्जनं करोति तस्य धनं तस्य जीवने एव सर्वनाशं कृत्वा वंशोच्छेदनं करोति। तत् तस्य अपकीर्त्याः कारणं भवति। अनेके जनाः अपकीर्त्या त्रस्ताः भूत्वा अपघातं कुर्वन्ति। अतः धनं सदैव परिश्रमेण एव प्रापनीयम्। अत एवोच्यते - उद्यमेन हि सिध्यन्ति कार्याणि न मनोरथैः।

न हि सुप्तस्य सिंहस्य प्रविशन्ति मुखे मृगाः ॥

अ. एकपदेन उत्तरत। (केवलं प्रश्नद्वयम्)

(1x2=2)

(i) कः सदैव मानसिक पीडाम् अनुभवति ?

(ii) धनेन कलियुगे किं मिलति ?

(iii) 'सर्वेगुणाः काञ्चनम् आश्रयन्ति' इति केन उक्तम् ?

आ. पूर्णवाक्येन उत्तरत। (केवलं प्रश्नद्वयम्)

(2x2=4)

(i) कीदृशं धनं जीवननाशं करोति ?

(ii) अपकीर्त्याः कारणं किम् ?

(iii) कार्याणि कथं न सिध्यन्ति ?

इ. अस्य परिच्छेदस्य एकं समुचितं शीर्षकं लिखत।

(1)

ई. भाषिककार्यम्। (केवलं प्रश्नत्रयम्)

(1x3=3)

(i) सर्वैः उद्यमेन धनं प्राप्तव्यं न तु चौर्येण। अस्मिन् वाक्ये कर्तृ पदं किम्?

(क) उद्यमेन

(ख) धनं

(ग) तु

(घ) सर्वैः

(ii) वञ्चनम् इति पदस्य पर्यायपदं गद्यांशे किं प्रयुक्तम् ?

(क) धनार्जनम्

(ख) वंशोच्छेदनम्

(ग) कपटम्

(घ) सर्वनाशम्

(iii) तत् तस्य अपकीर्त्याः कारणं भवति। अस्मिन् वाक्ये 'तत्' इति सर्वनामपदं कस्मै प्रयुक्तम्?

(क) जनाय

(ख) जीवनाय

(ग) धनाय

(घ) अपकीर्त्ये

(iv) 'परिश्रमी' इति पदस्य विपर्ययपदं चित्वा लिखत।

(क) मनोरथः

(ख) व्रस्तः

(ग) निरुद्यमी

(घ) उद्यमी

'ख'- खण्डः

रचनात्मकं कार्यम् 15 अङ्काः

2. (अ) भवान् कुलदीपकः अस्ति। 'पाञ्चजन्यः' साप्ताहिके पत्रे भवान् पत्रकारः एकं समाचारं प्रकाशयितुम् इच्छति।

अतः तस्य प्रकाशनार्थं सम्पादकं प्रति मञ्जूषायां प्रदत्तपदानां सहायतया पत्रं लिखत।

(5)

मञ्जूषा -

सधन्यवादः, पार्थिवे, भवतीयः, महत्त्वपूर्णम्, परस्कारः, विषये,  
नवदिस्त्रितः, प्रकाशनार्थम्, समाचारम्, स्वपतिष्ठिते पत्रे, समये,  
साप्ताहिके पत्रे

अथवा

(आ) भवती वसुन्धरा, देशान्तरे स्थितस्य भवत्याः कमिष्ठ-भगिनी धावनस्पर्धायां भागं गृहीतवती इत्यतः तां  
प्रेरयितुं

मञ्जूषायां प्रदत्तपदानां सहायतया पत्रं लिखत।

मञ्जूषा

अभिन्दनानि, सर्वम्, दर्शितवती, भागम्, विस्मिता, रुचिः, स्वास्थ्यम्,  
प्रियभगिनी, आशासे, सन्तोषम्, क्रीडासु, सुदृढम्, पठने, भवितव्या, तुष्टा, मम,  
तथा

3. मञ्जूषायां प्रदत्तशब्दानां सहायतया चित्रं दृष्ट्वा पञ्चवाक्यानि संस्कृते लिखत।



मञ्जूषा -

आन्दोलनस्य, चित्रम्, ज्वालयन्ति, जनाः, विचारान्, आक्रोशिताः,  
श्रुणुयुः, आन्दोलनरताः, जनानाम्

अथवा

,अस्ति, अग्निना, मुखकवचम्, धरन्ति, भावचित्रम्

मञ्जूषायां प्रदत्तशब्दानां सहायतया अधोलिखितं विषयम् अधिकृत्य पञ्चवाक्यानि संस्कृते लिखत।

'ऋतुपरिवर्तनम्'

मञ्जूषा -

जनजीवनाय, महत्त्वं, जीवनचक्रम्, वृद्धिः, रसालमुकुलानि, पक्वम्,  
वसन्तः, शिशिरः, षडृतवः, सञ्चरति, वर्षाकालः, वायुः, सर्वत्र, शैत्यम्,  
आतपः, भवति

4. अधोलिखितानां वाक्यानां अनुवादं संस्कृतेन कुरुत।

- (i) Although he was ill, he completed his work with great effort.  
यद्यपि वह बीमार था, फिर भी उसने बहुत प्रयास से अपना काम पूरा किया।
- (ii) A person who speaks the truth is respected everywhere.  
जो व्यक्ति सत्य बोलता है, उसका हर जगह सम्मान किया जाता है।
- (iii) Time once lost never returns.  
खोया हुआ समय फिर वापस नहीं आता।
- (iv) Discipline builds character.  
अनुशासन चरित्र का निर्माण करता है।
- (v) Knowledge removes ignorance  
ज्ञान अज्ञान को दूर करता है।

'ग'- खण्डः

अनुप्रयुक्त व्याकरणम् 25 अङ्काः

5. अधोलिखितवाक्येषु रेखाङ्कितपदेषु सन्धिं सन्धिच्छेदं वा कृत्वा लिखत।

(1×4=4)

- अ. (i) कथं जनस्तं परितोषयिष्यति ?
- (ii) अन्योऽपि बुद्धिमाल्लोके मुच्यते महतो भयात्।
- (iii) युष्मद्दर्शनात् कुशलमिव।
- (iv) अस्ति देउलाख्यः + नाम ग्रामः ।

अथवा

- आ. (i) अनेष्यां वदने ये तु चक्षुर्नामनी मते।
- (ii) सः कृच्छ्रेण भारं उद्वहति ।
- (iii) शरीरस्थः + महान् रिपुः ।
- (iv) हयाः + च वहन्ति बोधिताः ।

अधोलिखितवाक्येषु रेखाङ्कितपदेषु प्रकृतिप्रत्ययौ संयोज्य विभज्य वा प्रदत्तविकल्पेभ्यः चित्वा लिखत।

(1×4=4)

(i) पपश्यामि ग्रामान्ते निडौर जही चयः पूरम् ।

क) ग्राम अन्ते      ख) ग्रामस्य अन्ते      ग) ग्रामात् अन्ते      घ) ग्रामे अन्ते

(ii) राजासनं खतु एतत् ।

क) राजस्य आसनम्      ख) राजा आसनम्      ग) राजः आसनम्      घ) राजानम् आसनम्

(iii) को भेदः पिकः च काकः च तयोः ।

क) पिककाकौ      ख) पिककाकयोः      ग) पिककाकं      घ) पिककाकः

(iv) कज्जलमलिनम् धूमं मुञ्चति ।

क) कज्जलम् एवं मलिनम्      ख) कज्जलम् मलिनम्      ग) कज्जलम् इव मलिनम्      घ) कज्जलात् मलिनम्

7. अधोलिखितवाक्येषु रेखाङ्कितपदेषु प्रकृतिप्रत्ययौ संयोज्य विभज्य वा प्रदत्तविकल्पेभ्यः चित्वा लिखत।

(1×4=4)

(i) बुद्धिमत् + डीप सा भयात् विमुक्ता।

क) बुद्धिमान्      ख) बुद्धिमत्      ग) बुद्धिमती      घ) बुद्धिमति

(ii) तर्हि त्वया अहं हन्तव्यः।

क) हन् + तल्      ख) हन्त + तव्यत्      ग) हन् + तव्यत्      घ) हन् + अनियर्

(iii) उदीरितः अर्थः पशुनापि गृह्यते।

क) उत् + ईर् + क्त      ख) उत् + ईर् + क्त      ग) उदिर + त      घ) उत् + ईर् + त्व

(iv) भवन्तौ गायन्तौ ।

क) गाय् + तल्      ख) गै + शत्      ग) गाय् + शत्      घ) गै + शानच्

8. अधोलिखितसंवादं मञ्जूषायां दत्तैः पदैः वाच्यपरिवर्तनं कृत्वा च पुनः लिखत।

(1×3=3)

(i) क्रीडाक्षेत्रे तेन \_\_\_\_\_ ।

(क) धाव्यन्ते      (ख) धाव्यसे      (ग) धावन्ति      (घ) धाव्यते

(ii) \_\_\_\_\_ भोजनं पचयते ।

(क) अम्बा

(ख) अम्बायै

(ग) अम्बाया

(घ) अम्बायाः

(iii) मया पाठाः \_\_\_\_\_ ।

(क) पठन्ति

(ख) पठ्यते

(ग) पठ्यन्ते

(घ) पठामि

9. कालबोधकशब्दैः अधोलिखित-दिनचर्या पूरयत।

(1×4=4)

(i) अहं प्रातः ..... (५:१५) वादने उत्तिष्ठामि।

(ii) तदनन्तरं ..... (६:३०)पर्यन्तं व्यायामं करोमि।

(iii) अनन्तरं ..... (७:४५) वादने अल्पाहारं स्वीकरोमि।

(iv) .....(११:००) वादने देवालयं गच्छति।

10. मञ्जूषायां प्रदत्तैः अव्ययपदैः अधोलिखितवाक्येषु रिक्तस्थानं पूरयत। (केवलं प्रश्नत्रयम्)

(1×3=3)

(i) वृद्धः मार्गं ..... गच्छति ।

(ii) ..... मार्गं एवं आसीत्।

(iii) त्वं ततः ..... गच्छ।

मञ्जूषा -

सहसा, शनैः - शनैः,

पुरा

11.

संशोध्य लिखत।

अधोलिखितवाक्येषु रेखाङ्कितपदम् अशुद्धम् अस्ति, अशुद्धपदं

(1×3=3)

i) श्वः मम विद्यालये उत्सवः आसीत् ।

क) अभवत्

ख) अस्ति

ग) भविष्यति

घ) भवतु

(ii) युवां ध्यानेन पठन्तु ।

क) त्वया

ख) त्वम्

ग) भवान्

घ) भवन्तः

(iii) सुधामः कृष्णः च मित्रः आस्ताम् ।

क) मित्रे

ख) मित्रम्

ग) मित्राणि

घ) मित्रौ

‘घ’- खण्डः

अधोलिखित पठित्वाशेषं पठित्वा प्रश्नानां उत्तराणि लिखत।

"भो वासवा पुत्रस्य दैन्यं दृष्ट्वा अहं रोदिमि। सः दीन इति जानन्नपि कृषकः तं बहुधा पीडयति। सः कृच्छ्रेण भारमुद्वहति। इतरमिव धुरं बौद्धुं सः न शक्नोति। एतत् भवान् पश्यति न?" इति प्रत्यर्वाचनम्। "अष्टौ नूनम्। सहस्राधिकेषु पुत्रेषु सत्स्वपि तव अस्मिन्नेव एतादृशं वात्सल्यं कथम्?" इति इन्द्रेण पृष्टा सुरभिः प्रत्यर्वाचनम् सर्वत्र सममेव मे। दीनस्य तु सतः शक्र! पुत्रस्याभ्यधिका कृपा।

अ. एकपदेन उत्तरत। (केवलं प्रश्नद्वयम्)

×2=1)

- कः कृच्छ्रेण भारमुद्वहति?
- कः वृषभं पीडयति?
- कस्य दैन्यं दृष्ट्वा सुरभिः रोदिति?

आ. पूर्णवाक्येन उत्तरत। (केवलं प्रश्नद्वयम्)

(1×2=2)

- इन्द्रः सुरभिं किम् अपृच्छत्?
- 'यदि पुत्र सहस्रं मे, सर्वत्र सममेव मे' इदम् कथनं का अवोचत्?
- सुरभिः इन्द्रस्य प्रश्नस्य किम् उत्तरं ददाति?

इ. निर्देशानुसारम् उत्तरत। (केवलं प्रश्नद्वयम्)

(1×2=2)

- पुत्रस्य दैन्यं दृष्ट्वा अहं रोदिमि' इति वाक्ये रोदिमि क्रियायाः कर्तृपदं किम् अस्ति?
- कृषकः तं बहुधा पीडयति। अस्मिन् वाक्ये तं इति पदं कस्मै प्रयुक्तम्?
- 'खलु' इत्यर्थे प्रस्तुतगद्यांशे किम् पदं प्रयुक्तम्?

13. अधोलिखित पद्यांशं पठित्वा प्रश्नानाम् उत्तराणि लिखत।

गुणी गुणं वेत्ति न वेत्ति निर्गुणो, बली बलं वेत्ति न वेत्ति निर्बलः ।  
पिको वसन्तस्य गुणं न वायसः, करी च सिंहस्य बलं न मूषकः ॥

अ. एकपदेन उत्तरत। (केवलं प्रश्नद्वयम्)

×2=1)

- वसन्तस्य गुणं कः न वेत्ति?
- कः सिंहस्य बलं जानाति?
- गुणी कं वेत्ति?

आ. पूर्णवाक्येन उत्तरत। (केवलं प्रश्नद्वयम्)

(1×2=2)

(i) मूषकः कस्य बलं न जानाति?

(ii) वायसः किं न जानाति?

(iii) करी कस्य बलं वेत्ति?

इ. निर्देशानुसारम् उत्तरत। (केवलं प्रश्नद्वयम्)

(1×2=2)

(i) "नागः" इति पदस्य पर्यायपदं पद्यांशे किं प्रयुक्तम्?

(ii) "आम्" इति पदस्य विलोमपदं पद्यांशे किं प्रयुक्तम्?

(iii) "गुणी गुणं वेत्ति" अत्र क्रियापदं किम्?

14. अधोलिखित नाट्यांशं पठित्वा प्रश्नानाम् उत्तराणि लिखत।

रामः - एष भवतोः सौन्दर्यावलोकजनितेन कौतूहलेन पृच्छामि क्षत्रियकुलपितामहयोः

सूर्यचन्द्रयोः को वा भवतोर्वंशस्य कर्ता?

लवः - भगवन् सहस्रदीधितिः।

रामः - कथमस्मत्समानाभिजनौ संवृतौ?

विदूषकः - किं द्वयोरप्येकमेव प्रतिवचनम्?

लवः - भ्रातरावावां सोदर्यौ।

रामः - समरुपः शरीरसन्निवेशः। वयसस्तु न किञ्चिदन्तरम्।

लवः - आवां यमलौ।

रामः - सम्प्रति युज्यते। किं नामधेयम्?

लवः - आर्यस्य वन्दनायां लव इत्यात्मानं श्रावयामि (कुशं निर्दिश्य) आर्योऽपि गुरुचरणवन्दनायाम्।

कुशः - अहमपि कुश इत्यात्मानं श्रावयामि।

रामः - अहो! उदातरम्यः समुदाचारः। किं नामधेयो भवतोर्गुरुः ?

लवः - ननु भगवान् वाल्मीकिः।

अ. एकपदेन उत्तरत। (केवलं प्रश्नद्वयम्)

(½×2=1)

(i) रामः कीदृशेन कौतूहलेन लवकुशौ पृच्छति?

(ii) कौ यमलौ?

(iii) लवकुशयोः गुरुः कः?

आ. पूर्णवाक्येन उत्तरत। (केवलं प्रश्नद्वयम्)

(1×2=2)

कुशलत्वयोः समुदाचारः कीदृशः अस्ति?

(ii) कौ भ्रातरौ?

(iii) रामः कौतूहलेन लवकुशं किं पृच्छति?

इ. निर्देशानुसारम् उत्तरत। (केवलं प्रश्नद्वयम्)

(1×2=2)

(i) "भवतोः" इति काभ्यां प्रयुक्तम्?

(ii) "वंश" इत्यर्थे अत्र किं पदं प्रयुक्तम्?

(iii) "उदातरम्यः समुदाचारः" अनयोः विशेषणपदं किम्?

15. रेखाङ्कितपदानि आधृत्य प्रश्ननिर्माणं कुरुत।

(1×4=4)

i) बुद्धिमती चपेटया पुत्रौ प्रहृतवती।

ii) अहो! हृदयग्राही स्पर्शः।

iii) सहस्राधिकेषु पुत्रेषु सस्त्वपि सा दुःखिता आसीत्।

iv) विद्वांसः एव चक्षुमन्तः।

16. (अ) मञ्जूषातः समुचितपदानि चित्वा अधोलिखितं श्लोकस्य अन्वयं पूरयत।

(1×4=4)

य इच्छत्यात्मनः श्रेयः प्रभूतानि सुखानि च।

न कुर्यादहितं कर्म स परेभ्यः कदापि च ॥

अन्वयः - यः (i) \_\_\_\_\_ श्रेयः प्रभूतानि (ii) \_\_\_\_\_ च इच्छति, सः (iii) \_\_\_\_\_ अहितं कर्म (iv) \_\_\_\_\_ न कुर्यात्।

मञ्जूषा - [ परेभ्यः, सुखानि, आत्मनः, कदापि ]

अथवा

(आ) मञ्जूषातः समुचितपदानि चित्वा अधोलिखितं श्लोकस्य भावार्थं पूरयत।

यत् प्रोक्तं येन केनापि तस्य तत्त्वार्थनिर्णयः।

कर्तुं शक्यो भवेद्येन स विवेकः इतीरितः॥

भावार्थः - केनापि किमपि उक्तम् चेत् तस्य (i) \_\_\_\_\_ कः अस्ति, तस्य कथनस्य (ii) \_\_\_\_\_ प्रभावः कः

भविष्यति, केन उद्देश्येन इदं कथनम् अकथयत् इति (iii) \_\_\_\_\_ स्वशक्त्यानुसारेण बोधः भवति, तमेव

विवेकः कथ्यते। सः पुरुषः एव (iv) \_\_\_\_\_ ईरितः।

मञ्जूषा - [ निजार्थः, ज्ञानी, यः, भावार्थः ]

17. अधोलिखित कथांशं समुचित क्रमेण लिखत।

(8=4)

क) मेदयामेदयभक्षकं त्वां कथं त्वां वनराजं मन्यामहे?

ख) यो न रक्षति वित्रस्तान् पीडयमानान् परैः सदा।

ग) कथं त्वं योग्यः वनराजः भवितुं न रूपं न ध्वनिरस्ति।

घ) अहं विशालकायः बलशाली, पराक्रमी च।

ङ) राजा तु रक्षकः भवति।

च) सिंहः स्यात् अथवा अन्यः कोऽपि जन्तून् मारयामि।

छ) अपि च स्वरक्षायां अपि असमर्थः।

ज) जन्तून् पार्थिवरूपेण स कृतान्तः न संशयः।

18. अधोलिखितवाक्येषु रेखाङ्कितपदानां प्रसङ्गानुकूलम् उचितार्थं चिनुत। (केवलं प्रश्नत्रयम्)

(1x3=3)

) पिता तनूजस्य रुग्णताम् आकर्ण्यव्याकुलो जातः।

दृष्ट्वा

(ख)श्रुत्वा

(ग)गत्वा

(घ)विचार्य

(ii) खरः भारवहने वीरः भवति।

क)अश्वः

(ख)करी

(ग) गर्दभः

(घ)तुरगः

(iii) अस्माकं वंशस्य कर्ता सहस्रदीधितिः।

(क) आदित्यः

(ख) चन्द्रः

(ग) वाल्मीकिः

(घ) दधीचिः



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

PRE-BOARD EXAMINATION -I (2025 - 2026)

GRADE X

Date: 17.12.2025

SET - I

Max Marks: 80

Subject: Kannada (015)

Time: 3 hours

ಸೂಚನೆಗಳು:

- ಈ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯಲ್ಲಿ ಒಟ್ಟು 15 ಮುಖ್ಯ ಪ್ರಶ್ನೆಗಳಿರುತ್ತವೆ.
- ಈ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯು PART - 1 & PART - 2 ಎಂಬ ಎರಡು ಭಾಗಗಳನ್ನು ಮತ್ತು A B C ರ ಎಂಬ ಸಾಲು ವಿಭಾಗಗಳನ್ನು ಒಳಗೊಂಡಿರುತ್ತವೆ.
- PART - 1 SECTION - A ನಲ್ಲಿ ಒಟ್ಟು 4 ಮುಖ್ಯ ಪ್ರಶ್ನೆಗಳು, 10 ಬಹು ಅಯ್ಕೆಯ ಉಪ-ಪ್ರಶ್ನೆಗಳು ಮತ್ತು ಬರವಣಿಗೆಯ 10 ಪ್ರಶ್ನೆಗಳಿರುತ್ತವೆ.
- PART - 1 SECTION - B ಅನ್ವಯಿಕ ವ್ಯಾಕರಣದಲ್ಲಿ 10 ಬಹುಅಯ್ಕೆಯ ಪ್ರಶ್ನೆಗಳು, 5 ಬರವಣಿಗೆಯ ಪ್ರಶ್ನೆಗಳು ಮತ್ತು ಪಠ್ಯಪೂರಕದ 5 ಬಹು ಅಯ್ಕೆ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಬೇಕು.
- PART - 2 - SECTION - C (ಬರವಣಿಗೆ ಕೌಶಲ್ಯ) ಯಲ್ಲಿರುವ ಎಲ್ಲಾ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಬೇಕು.
- PART - 2 - SECTION - B (ಪಠ್ಯಗಳ ಅಧ್ಯಯನ) ಯಲ್ಲಿರುವ 11 ರಿಂದ 15 ಮುಖ್ಯ ಪ್ರಶ್ನೆಗಳಿಗೆ ಅಲ್ಲಿ ಕೊಟ್ಟಿರುವ ಸೂಚನೆಯಂತೆ ಉತ್ತರಿಸಬೇಕು.

PART - 1 (40 ಅಂಕಗಳು)	ವಾಚನ ಮತ್ತು ಗ್ರಹಿಕಾ ಕೌಶಲ್ಯ	20 ಅಂಕಗಳು
	ಅನ್ವಯಿಕ ವ್ಯಾಕರಣ	15 ಅಂಕಗಳು
	ಬಹು ಅಯ್ಕೆ ಪ್ರಶ್ನೆ - ಪಠ್ಯಗಳ ಅಧ್ಯಯನ	05 ಅಂಕಗಳು
PART - 2 (40 ಅಂಕಗಳು)	ಬರವಣಿಗೆ ಕೌಶಲ್ಯ	12 ಅಂಕಗಳು
	ಪಠ್ಯಗಳ ಅಧ್ಯಯನ	28 ಅಂಕಗಳು
	ಒಟ್ಟು ಅಂಕಗಳು	80 ಅಂಕಗಳು

ವಿಭಾಗ A

(ವಾಚನ ಮತ್ತು ಗ್ರಹಿಕಾ ಕೌಶಲ್ಯ): 20 ಅಂಕಗಳು

1. ಈ ಕೆಳಗಿನ ಗದ್ಯಾಂಶವನ್ನು ಓದಿಕೊಂಡು ಅದರ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರ ಬರೆಯಿರಿ.

ಸಮುದ್ರಗುಪ್ತನ ಸಾಮ್ರಾಜ್ಯವನ್ನು ಎರಡನೇ ಚಂದ್ರಗುಪ್ತನು ಮತ್ತಷ್ಟು ವಿಸ್ತರಿಸಿ ಸ್ಥಿರತೆಯನ್ನು ತಂದನು. ಇವನು ಶಕರನ್ನು ಸೋಲಿಸಿ ಪಶ್ಚಿಮ ಭಾರತವನ್ನು ಗುಪ್ತರ ಸಾಮ್ರಾಜ್ಯಕ್ಕೆ ಸೇರಿಸಿಕೊಂಡನು. ಭಾರತದ ಅನೇಕ ರಾಜಮನೆತನದೊಂದಿಗೆ ಈತನು ಮದುವೆ ಮೂಲಕ ಸಂಬಂಧವನ್ನು ಬೆಳೆಸಿ ಪ್ರಭಾವಿಯಾಗಿ ವಿಕ್ರಮಾದಿತ್ಯನೆಂಬ ಬಿರುದನ್ನು ಪಡೆದನು. ಇವನ ಕಾಲದಲ್ಲಿ ಯುದ್ಧಗಳಿಗಿಂತ ಸಾಹಿತ್ಯ ಹಾಗೂ ಕಲೆಗೆ ನೀಡಿದ ಪ್ರೇರಣೆಯೂ ಸ್ಮರಣೀಯವಾಗಿದೆ. ಸುಪ್ರಸಿದ್ಧ ಸಂಸ್ಕೃತ ಕವಿ ಹಾಗೂ ನಾಟಕಕಾರ ಕಾಳಿದಾಸ ಇದೇ ಕಾಲಕ್ಕೆ ಸೇರಿದವನು. ಮೇಘದೂತ ರಘುವಂಶ ಕುಮಾರಸ್ವಾಮಿ ಆಗೋ ಮುತುಸಂಹಾರ ಅವನ ಕಾವ್ಯಗಳು ಅಭಿಜ್ಞಾನ ಶಾಕುಂತಲವು ಅವನ ಶ್ರೇಷ್ಠ ನಾಟಕಗಳಲ್ಲಿ ಒಂದು. ಶೂದ್ರಕನ ಮಚ್ಚಕಟಿಕ ಹಾಗೂ ವಿಶಾಖದತ್ತನ ಮುದ್ರಾರಾಕ್ಷಸ ಆ ಕಾಲದ ಇತರ ಕೃತಿಗಳು.

ಹೂಣರ ದಾಳಿಗೆ ನಿರಂತರ ಒಳಗಾಗಿ ಗುಪ್ತರ ಸಾಮ್ರಾಜ್ಯವು ಪತನಗೊಂಡಿತು. ಗುಪ್ತರು ಬೃಹತ್ ಸುಖ ಸೇನೆಯನ್ನೇನೂ ಹೊಂದಿರಲಿಲ್ಲ. ಸಾಮಂತರು ಸೈನ್ಯದ ಅವಶ್ಯಕತೆಯನ್ನು ಯುದ್ಧಗಳ ಸಮಯದಲ್ಲಿ ನಿರೀಕ್ಷಿಸುತ್ತಿದ್ದರು. ಹೀಗಾಗಿಯೇ ಸಾಮಂತರು ಇವರ ಕಾಲದಲ್ಲಿ ಬಹಳಷ್ಟು ಅಧಿಕಾರವನ್ನು ಚಲಾಯಿಸುತ್ತಿದ್ದರು. ಅಧಿಕಾರ ವರ್ಗವು ಕುಮಾರ ಅಮಾತ್ಯರಿಂದ ಕೂಡಿತ್ತು. ವಿವಿಧ ಹುದ್ದೆಗಳನ್ನು ಕುಮಾರ ಅಮಾತ್ಯರು ಹೊಂದಿದ್ದರು. ಆಡಳಿತವೂ ವಿಕೇಂದ್ರೀಕೃತಗೊಂಡಿತ್ತು. ಪುರೋಹಿತರು ಅನೇಕ ದಾನ ದತ್ತಿಗಳನ್ನು ಪಡೆಯುತ್ತಿದ್ದರು. ಭೂದಾನವಾಗಿ ಅನೇಕ ಹಳ್ಳಿಗಳನ್ನು ಒಳಗೊಂಡ ಹಾಗೆ ಇವರುಗಳಿಗೆ ನೀಡಲಾಗುತ್ತಿತ್ತು. ಅನೇಕ ದೇವಾಲಯಗಳು ಇದ್ದರಿಂದ ಅಭಿವೃದ್ಧಿಯನ್ನು ಕಂಡವು. ಇಂತಹ ಪ್ರದೇಶಗಳು ಅನೇಕ ಆರ್ಥಿಕ ಹಾಗೂ ಆಡಳಿತಾತ್ಮಕ ವಿನಾಯಿತಿಗಳನ್ನು ಪಡೆದುದಲ್ಲದೆ ಎಲ್ಲಾ ವ್ಯವಹಾರಗಳಲ್ಲಿಯೂ ಸ್ವತಂತ್ರ ಪ್ರದೇಶಗಳಾದವು. ಕ್ರಮೇಣವಾಗಿ ಆ ಪ್ರದೇಶದ ನಿವಾಸಿಗಳು ಕೃಷಿಕರು ಕುಶಲಕರ್ಮಿಗಳು, ಭೂಮಾಲೀಕರ ಕಟ್ಟು ಪಾಡಿಗೆ ಅಧೀನರಾದರು. ಹೀಗೆ ಸಮಾಜವು ಸಂಕೀರ್ಣ ಹಾದಿಯತ್ತ ಸಾಗಿತ್ತು. ಈ ಕಾಲದಲ್ಲಿ ಪಾಶ್ಚಿಮಾತ್ಯರೊಂದಿಗೆ ಗುಪ್ತರಿಗಿದ್ದ ವ್ಯಾಪಾರ ಕುಸಿಯಿತು. ಇದರಿಂದಾಗಿ ಗುಪ್ತರ ಆರ್ಥಿಕ ವ್ಯವಸ್ಥೆ ಕುರಿತಗೊಂಡಿತು. ಸಾಮ್ರಾಜ್ಯದ ಮೇಲೆ ಹೇರಲಾದ ನಿರ್ಬಂಧಗಳು ಆಂತರಿಕ ವ್ಯಾಪಾರವನ್ನು ಸಹ ಸ್ತಗಿತಗೊಳಿಸಿತು. ವ್ಯಾಪಾರಗಳಲ್ಲಿ ಕಂಡ ಕುಸಿತವು ನಗರ ಕೇಂದ್ರಗಳ ಅವನತಿಗೆ ಕಾರಣವಾಯಿತು.

ಭಕ್ತಿಯನ್ನು ಆಧರಿಸಿದ ವಿವಿಧ ಧರ್ಮ ಗ್ರಂಥಗಳಾದ ಧರ್ಮಶಾಸ್ತ್ರಗಳು ಹಾಗೂ ಪುರಾಣ ಸೃಷ್ಟಿಯ ಕಾಲವಿದು. ವರಾಹಮಿಹಿರ, ಚರಕ, ಶುಶ್ರುತ, ಆರ್ಯಭಟ ಈ ಕಾಲದ ಶ್ರೇಷ್ಠ ವಿಜ್ಞಾನಿಗಳು. ವರಹಮಿಹಿರ, ಭಾಸ್ಕರ ಮತ್ತು ಆರ್ಯಭಟ ಜ್ಯೋತಿಷ್ಯ ಶಾಸ್ತ್ರ ಹಾಗೂ ಖಗೋಳ ಮತ್ತು ಗಣಿತ ಅಧ್ಯಯನಕ್ಕೆ ಮಹತ್ವ ಕೊಡುಗೆಯನ್ನು ನೀಡಿದರು. ಚರಕ ಹಾಗೂ ಶುಶ್ರುತರು ವೈದ್ಯಕೀಯ ಅಧ್ಯಯನವನ್ನು ಮಾಡಿದರು. ಚರಕನ್ನು ಚರಕ ಸಂಹಿತೆಯನ್ನು ರಚಿಸಿದನು. ಶುಶ್ರುತನು ಶಸ್ತ್ರಚಿಕಿತ್ಸೆಯನ್ನು ಕುರಿತಾದ ಶುಶ್ರುತ ಸಂಹಿತೆಯನ್ನು ರಚಿಸಿದನು. ವರಾಹಮಿಹಿರನು ಪಂಚಸಿದ್ಧಾಂತಿಕಾ ಎಂಬ ಖಗೋಳ ಶಾಸ್ತ್ರ ಗ್ರಂಥವನ್ನು ಬರೆದನು.

**ಪ್ರಶ್ನೆಗಳು**

1. ವ್ಯಾಪಾರಗಳಲ್ಲಿ ಕಂಡ ಕುಸಿತವು ----- ಅವಧಿಗೆ ಕಾರಣವಾಯಿತು.

- ಎ) ನಗರಕೇಂದ್ರ      ಬಿ) ಮನೆತನ      ಸಿ) ರಾಜಕೀಯ      ಡಿ) ಕಲೆವಾಸ್ತುಶಿಲ್ಪ

2. ಗುಪ್ತರ ಕಾಲದ ಶ್ರೇಷ್ಠ ಗಣಿತಜ್ಞ.....

- ಎ) ಚರಕ      ಬಿ) ಕಾಳಿದಾಸ      ಸಿ) ಧನ್ವಂತರಿ      ಡಿ) ಅರ್ಯಭಟ

3. ಕಾಳಿದಾಸನ ಪ್ರಸಿದ್ಧ ನಾಟಕ.....

- ಎ) ಮೇಘದೂತ      ಬಿ) ರಘುವಂಶ  
 ಸಿ) ಅಭಿಜ್ಞಾನ ಶಾಕುಂತಲ      ಡಿ) ಮೇಲಿನ ಎಲ್ಲವೂ

4. ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಕವಿ-ಕೃತಿಗಳನ್ನು ಹೊಂದಿಸಿ ಬರೆಯಿರಿ.

- ಎ) ಶೂದ್ರಕ      1) ಪಂಚಸಿದ್ಧಾಂತಿಕ  
 ಬಿ) ವಿಶಾಖದತ್ತ      2) ಚರಕಸಂಹಿತೆ  
 ಸಿ) ಚರಕ      3) ಮೃಚ್ಛಕಟಿಕ  
 ಡಿ) ವರಾಹಮಿಹಿರ      4) ಮುದ್ರರಾಕ್ಷಸ

5) ಆಯುರ್ವೇದ ನಿಘಂಟು

ಎ) ಎ-3 ಬಿ-4 ಸಿ-1 ಡಿ-5

ಬಿ) ಎ-3 ಬಿ-4 ಸಿ-2 ಡಿ-1

ಸಿ) ಎ-3 ಬಿ-4 ಸಿ-5 ಡಿ-3

ಡಿ) ಎ-4 ಬಿ-1 ಸಿ-5 ಡಿ-3

4. ಈ ಕೆಳಗಿನ ಹೇಳಿಕೆಗಳಲ್ಲಿ ಸರಿಯಾದ ಉತ್ತರ ಬರೆಯಿರಿ.

ಹೇಳಿಕೆ 1:- ಎರಡನೇ ಚಂದ್ರಗುಪ್ತನು ಶಿಖರನು, ಸೋಲಿಸಿ ಪನ್ನಿಪು ಭಾರತವನ್ನು ಗುಪ್ತರ ಸಾಮ್ರಾಜ್ಯಕ್ಕೆ ಸೇರಿಸಿಕೊಂಡನು.

ಹೇಳಿಕೆ 2 :- ಹೊಣರ ದಾಳಿಗೆ ನಿರಂತರ ಒಳಗಾಗಿ ಗುಪ್ತರ ಸಾಮ್ರಾಜ್ಯ ಪತನಗೊಂಡಿತು.

ಹೇಳಿಕೆ 3:- ಪಾಟಲಿಪುತ್ರರು ಗುಪ್ತರ ಕಾಲದಲ್ಲಿ ಪ್ರಮುಖ ವ್ಯಾಪಾರ ಕೇಂದ್ರವಾಗಿತ್ತು.

ಎ)1 ಮತ್ತು 3

ಬಿ)1,2 ಮತ್ತು 3

ಸಿ)2 ಮತ್ತು 3

ಡಿ)1 ಮತ್ತು 2

II. ಈ ಕೆಳಗಿನ ಗದ್ಯಾಂಶವನ್ನು ಓದಿಕೊಂಡು ಅದರ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರ ಬರೆಯಿರಿ.

1993ರ ಪಂಚಾಯತ್ ರಾಜ್ ಕಾಯ್ದೆಯು ತಾಲ್ಲೂಕುಗಳಲ್ಲಿ ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿಗಳನ್ನು ರಚಿಸಲು ಅವಕಾಶ ಕಲ್ಪಿಸಿದೆ. ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿ ಚುನಾಯಿತರಾದ ಸದಸ್ಯರನ್ನು ಹೊಂದಿರುತ್ತದೆ. ಚುನಾಯಿತ ಸದಸ್ಯರು ಪ್ರತ್ಯಕ್ಷ ಚುನಾವಣೆಯ ಮೂಲಕ ಅರ್ಹ ಮತದಾರರಿಂದ ಆಯ್ಕೆಕೊಳ್ಳುತ್ತಾರೆ. ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿಯ ಸದಸ್ಯರುಗಳ ಸಂಖ್ಯೆಯು ಆಯಾ ತಾಲ್ಲೂಕಿನ ಒಟ್ಟು ಜನಸಂಖ್ಯೆಯನ್ನು ಅವಲಂಬಿಸಿದ್ದು, ಪ್ರತಿ 12500 ಸಾವಿರ ರಿಂದ 15 ಸಾವಿರ ಜನಸಂಖ್ಯೆ ಗೊಬ್ಬರಂತೆ ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿಯ ಸದಸ್ಯರನ್ನು ಹೊಂದಿರುತ್ತದೆ. ಸದಸ್ಯ ಸ್ಥಾನ ಹಂಚಿಕೆಯಲ್ಲಿ ಪರಿಶಿಷ್ಟ ಜಾತಿ, ಪರಿಶಿಷ್ಟ ಪಂಗಡ, ಹಿಂದುಳಿದ ವರ್ಗಗಳು ಮತ್ತು ಮಹಿಳಾ ಮೀಸಲಾತಿಯನ್ನು ಕೂಡ ಅನುಪಾಲನೆ ಮಾಡಬೇಕಾಗುತ್ತದೆ. ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿಯ ಸದಸ್ಯರುಗಳ ಅಧಿಕಾರ ಅವಧಿ ಐದು ವರ್ಷಗಳಾಗಿದ್ದು, ಸಂದರ್ಭ ಬಂದಾಗ ಅಧ್ಯಕ್ಷರಿಗೆ ರಾಜೀನಾಮೆ ನೀಡಬಹುದಾಗಿದೆ. ಅಥವಾ ಸರ್ಕಾರ ಅವರನ್ನು ವಜಾ ಗೊಳಿಸುವ ಅಧಿಕಾರವನ್ನು ಹೊಂದಿದೆ. ತಾಲ್ಲೂಕಿನ ಚುನಾಯಿತ ಪ್ರದೇಶವನ್ನು ಪೂರ್ಣ ಅಥವಾ ಭಾಗಶಃ ಪ್ರತಿನಿಧಿಸುವ ವಿಧಾನಸಭೆ ಮತ್ತು ಲೋಕಸಭೆ ಸದಸ್ಯರುಗಳು ಹಾಗೂ ತಾಲ್ಲೂಕಿನ ಮತದಾರರ ಪಟ್ಟಿಯಲ್ಲಿ ಹೆಸರು ನೋಂದಾಯಿತವಾಗಿರುವ ವಿಧಾನ ಪರಿಷತ್ತಿನ ಮತ್ತು ರಾಜ್ಯಸಭೆಯ ಸದಸ್ಯರು ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿಯ ಸದಸ್ಯರಾಗಿರುತ್ತಾರೆ. ಇದರ ಜೊತೆಗೆ ಆಯಾ ತಾಲ್ಲೂಕಿನ ವ್ಯಾಪ್ತಿಗೊಳಪಡುವ ಗ್ರಾಮ ಪಂಚಾಯಿತಿಗಳ ಐದನೇ ಒಂದರಷ್ಟು ಅಧ್ಯಕ್ಷರುಗಳು ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿ ಸದಸ್ಯರಾಗಿ ಸೇವೆ ಸಲ್ಲಿಸುತ್ತಾರೆ.

ಇವರುಗಳನ್ನು ಲಾಟರಿ ಮೂಲಕ ಆಯ್ಕೆ ಮಾಡಲಾಗುತ್ತದೆ ಹಾಗೂ ಇದರ ಅವಧಿಯು ಒಂದು ವರ್ಷಕ್ಕೆ ಸೀಮಿತವಾಗಿರುತ್ತದೆ. ಇವರು ಆಯ್ಕೆಯು ಪರ್ಯಾನುಕ್ರಮದ ಅನುಸಾರ ನಡೆಯುತ್ತದೆ. ಇವರು ಅಧ್ಯಕ್ಷ ಉಪಾಧ್ಯಕ್ಷರನ್ನು ಆಯ್ಕೆ ಮಾಡುವ ಹಾಗೂ ಅವಿಶ್ವಾಸ ನಿರ್ಣಯದ ಮೂಲಕ ತೆಗೆದು ಹಾಕುವ ಸಭೆಗಳನ್ನು ಹೊರತುಪಡಿಸಿ ಇನ್ನುಳಿದ ಎಲ್ಲಾ ಸಭೆಗಳಲ್ಲಿ ಭಾಗವಹಿಸುವ ಹಾಗೂ ಚರ್ಚಿಸುವ ಮತ್ತು ಮತ ನೀಡುವ ಹಕ್ಕನ್ನು ಹೊಂದಿರುತ್ತಾರೆ.

ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿ ಸಾಮಾನ್ಯ ಸಭೆಗಳು ಕನಿಷ್ಠ ಪಕ್ಷ ಎರಡು ತಿಂಗಳಿಗೊಮ್ಮೆ ನಡೆಸಬೇಕು. ವಿಶೇಷ ಸಭೆಯನ್ನು ನಡೆಸಬಹುದಾಗಿದೆ. ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿಯ ಅಧ್ಯಕ್ಷರು ಸಭೆಗಳ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿ ತಕ್ಕದ್ದು ಹಾಗೂ ಅವರ ಅನುಪಸ್ಥಿತಿಯಲ್ಲಿ ಉಪಾಧ್ಯಕ್ಷರು ಸಭೆಯ ಅಧ್ಯಕ್ಷತೆಯನ್ನು ವಹಿಸಿಕೊಳ್ಳುತ್ತಾರೆ. ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿಯ ಅಧ್ಯಕ್ಷರು ಉಪಾಧ್ಯಕ್ಷರುಗಳನ್ನು ಸದಸ್ಯರು ಬಹುಮತದ ಮೂಲಕ ಆಯ್ಕೆ ಮಾಡಿಕೊಳ್ಳುತ್ತಾರೆ. ಇವರ ಅಧಿಕಾರ ಅವಧಿ ಐದು ವರ್ಷಗಳು ಅಥವಾ ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿಯ ಸದಸ್ಯತ್ವ ನಿಂತು ಹೋಗುವವರೆಗೆ ಇವುಗಳಲ್ಲಿ ಪ್ರಥಮವಾಗುವುದನ್ನು ಪರಿಗಣಿಸಲಾಗುತ್ತದೆ. ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿಗಳ ಆಡಳಿತ ಪರಿಣಾಮಕಾರಿ ನಿರ್ವಹಣೆಗಾಗಿ ಸ್ಥಾಯಿ ಸಮಿತಿಗಳನ್ನು ರಚಿಸುತ್ತವೆ, ಸರ್ಕಾರವು ಸುಗಮ ಆಡಳಿತ ನಿರ್ವಹಣೆಗಾಗಿ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳನ್ನು ನೇಮಿಸುತ್ತದೆ ತಾಲ್ಲೂಕು ಪಂಚಾಯಿತಿಗಳು ಸ್ಥಳೀಯ ಸಂಸ್ಥೆಗಳ ಕಾರ್ಯಗಳೊಂದಿಗೆ ಇನ್ನೂ ಕೆಲವು ಕಾರ್ಯಗಳನ್ನು ನಿರ್ವಹಿಸುತ್ತವೆ.

## ಪ್ರಶ್ನೆಗಳು

1. ತಾಲೂಕು ಪಂಚಾಯಿತಿಯ ವೀರಸಲಾತಿಯು -----

1 ಪರಿಶಿಷ್ಟ ಜಾತಿ

2 ಪರಿಶಿಷ್ಟ ಪಂಗಡ

3 ಹಿಂದುಳಿದ ವರ್ಗಗಳು

4. ಮಹಿಳಾ ವೀರಸಲಾತಿ ಹಾಗೂ ಸಾಮಾನ್ಯ.

ಎ) 1, 2 ಮತ್ತು 3

ಬಿ) 1, 3 ಮತ್ತು 4

ಸಿ) 2, 4 ಮತ್ತು 3

ಡಿ) 1, 2, 3 ಮತ್ತು 4.

2. ತಾಲೂಕು ಪಂಚಾಯಿತಿಯ ಸದಸ್ಯರುಗಳ ಅಧಿಕಾರದ ಅವಧಿ ----- ವರ್ಷಗಳಾಗಿರುತ್ತವೆ.

ಎ) 5

ಬಿ) 2.5

ಸಿ) 6

ಡಿ) 3

3. ತಾಲೂಕು ಪಂಚಾಯಿತಿ ಸಾಮಾನ್ಯ ಸಭೆಗಳು ಕನಿಷ್ಠ \_\_\_\_\_ ತಿಂಗಳಿಗೊಮ್ಮೆ ನಡೆಯುತ್ತವೆ.

ಎ) ಆರು

ಬಿ) ಎರಡು

ಸಿ) ಮೂರು

ಡಿ) ನಾಲ್ಕು

4 ಈ ಕೆಳಗಿನ ಹೇಳಿಕೆಗಳನ್ನು ಸರಿಯಾಗಿ ಓದಿ ಉತ್ತರ ಬರೆಯಿರಿ.

ಹೇಳಿಕೆ 1:- ತಾಲೂಕು ಪಂಚಾಯಿತಿಯ ಸದಸ್ಯರುಗಳ ಸಂಖ್ಯೆಯು ಆಯಾ ತಾಲೂಕಿನ ಒಟ್ಟು ಜನಸಂಖ್ಯೆಯನ್ನು ಅವಲಂಬಿಸಿರುತ್ತದೆ.

ಹೇಳಿಕೆ 2:- ತಾಲೂಕು ಪಂಚಾಯಿತಿಯ ಸದಸ್ಯರು ತಾಲೂಕು ಪಂಚಾಯಿತಿಯ ಕಾರ್ಯನಿರ್ವಹಣಾಧಿಕಾರಿಗಳಿಗೆ ರಾಜೀನಾಮೆಯನ್ನು ನೀಡುತ್ತಾರೆ.

ಎ) ಎರಡನೇ ಹೇಳಿಕೆ ಮಾತ್ರ ಸರಿಯಾಗಿದೆ

ಬಿ) ಮೇಲಿನ ಎರಡು ಹೇಳಿಕೆಗಳು ತಪ್ಪಾಗಿವೆ

ಸಿ) ಮೊದಲಿನ ಹೇಳಿಕೆ ಮಾತ್ರ ಸರಿಯಾಗಿದೆ

ಡಿ) ಮೇಲಿನ ಎರಡು ಹೇಳಿಕೆಗಳು ಸರಿಯಾಗಿದೆ.

5. ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿಗಳನ್ನು ನೇಮಿಸುವುದು-----

ಎ) ಮಂತ್ರಿಗಳು

ಬಿ) ಸರ್ಕಾರ

ಸಿ) ಅಧ್ಯಕ್ಷರು

ಡಿ) ಆಯುಕ್ತರು

III. ಈ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ 'ಯುದ್ಧ' ಪಠ್ಯದಲ್ಲಿನ ಪರಿಚಿತ ಗದ್ಯವನ್ನು ಓದಿಕೊಂಡು ಅದರ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ಸರಿಯಾದ ಉತ್ತರವನ್ನು ಆರಿಸಿ ಬರೆಯಿರಿ.

ಧಾರಾಕಾರವಾಗಿ ಸುರಿಯುತ್ತಿರುವ ಈ ಮಳೆಯಿಂದ ಮೊದಲು ರಕ್ಷಣೆ ಪಡೆಯಬೇಕು. ಮುರಿದುಹೋದ ಕಾಲಿನ ಆರೈಕೆಯಾಗಬೇಕು. ಆತನು ಕತ್ತಲಲ್ಲೇ ತೆವಳ ತೊಡಗಿದನು. ಒಂದಷ್ಟು ದೂರ ಚಲಿಸಿದ್ದನೋ ಇಲ್ಲವೋ ಮಹಿಳೆಯೊಬ್ಬಳ ಅರ್ತನಾದ ಆ ಮಳೆಯ ಶಬ್ದವನ್ನೂ ಭೇದಿಸಿ ಆತನ ಕಿವಿಯೊಳಗೆ ನುಗ್ಗಿತು. ಆತನು ಬೆಚ್ಚಿದನು. ಆ ಮಹಿಳೆಯಾವ ರೀತಿಯ ಅಪಾಯದಲ್ಲಿ ಸಿಲುಕಿದ್ದಾಳೆ? ಆ ಮನೆಯೊಳಗೆ ಏನು ಸಂಭವಿಸುತ್ತದೆ? ತಾನೀಗ ಮನೆಯ ಕದವನ್ನು ತಟ್ಟಿದರೆ ಪರಿಣಾಮವೇನಾಗಬಹುದು? ಆ ಮನೆಯಿಂದ ಒಂದೇ ಒಂದು ಬೆಳಕಿನ ಕಿರಣವೂ ಹೊರಗಡೆ ಹಾಯುತಿರಲಿಲ್ಲ. ಗಡಿ ಪ್ರದೇಶದಲ್ಲಿ ವಿಮಾನ ದಾಳಿಯಿಂದ ರಕ್ಷಿಸಿಕೊಳ್ಳಲು 'ಬ್ಲಾಕ್ ಔಟ್' ನಿಯಮ ಪಾಲಿಸಲಾಗುತ್ತಿದೆ. ಇಂತಹ ಈ ಸಮಯದಲ್ಲಿ ಆ ಮನೆಯೊಳಗೆ ಯಾವ ರೀತಿಯ ಕ್ರೌರ್ಯ ನಡೆಯುತ್ತಿದೆ?

"ಯಾ... ಅಲ್ಲಾ..." ಮಹಿಳೆಯ ಅರ್ತನಾದ ಇನ್ನಷ್ಟು ಸ್ಪಷ್ಟವಾಗಿ ಕೇಳಿಸಿತು.

ಈಗ ಮಾತ್ರ ರಾಹಿಲನ ಮುಖದಲ್ಲಿ ಭಯದ ನೆಲೆಗಳು ಮರೆಯಾಗಿ ಕೊಂಚ ನಮ್ಮದಿ ಕಾಣಿಸಿಕೊಂಡಿತು. ಆತನು ಬೇಗ ಬೇಗನೇ ಆ ಮನೆಯತ್ತ ತೆವಳತೊಡಗಿದನು. ತುರ್ತು ಚಿಕಿತ್ಸೆ, ಪೆಟ್ಟಿಗೆ ಆತನ ಕೈಯಿಂದ ಯಾವಾಗಲೂ ಇಾರಿ ಬಿದ್ದಿತ್ತು. ಮತ್ತೊಮ್ಮೆ, ಮಿಂಚು ಮಿಂಚಿದಾಗ ತಾನು ಆ ಮನೆಯ ತೇರ ಸಮೀಪಕ್ಕೆ ಬಂದಿರುವುದು ಆತನಿಗರಿವಾಯಿತು.

ಒಳಗಿನಿಂದ ಮತ್ತೊಮ್ಮೆ, ಸುನ್ನೆಜ್ಜುವಾದ ನೆಲೆಗಳಿಂದ ಬೆರಗು ಹಿರಿಯ ಹೆಂಗಸೊಬ್ಬಳ ಸಾಂತ್ವನವು ಕೇಳಿ ಬಂತು. "ಏನು ಮಾಡಲಿ ಮಗಳೇ? ಈ ಮಳೆಯಲ್ಲಿ, ಈ ಕತ್ತಲಲ್ಲಿ, ಸಾವು ಯಾರನ್ನು ಕರೆಯಲಿ? ಒಮ್ಮೆ ಬೆಳಗಾದರೆ ಸಾಕಾಗಿತ್ತು."

ರಾಹಿಲ್ ತೆವಳುತ್ತಾ ಹೇಗೋ ಮೆಟ್ಟಿಲು ಹತ್ತಿ ಬಾಗಿಲು ಬಡಿದನು.

"ಅಮ್ಮ, ಬಾಗಿಲು ತೆರೆಯಿರಿ..."

"ಹಾಂ... ಯಾರಪ್ಪಾ, ಅದೋ? ಈ ಮಳೆಯಲ್ಲಿ, ಈ ಕತ್ತಲ ಗುಹೆಯಲ್ಲಿ... ಯಾರೂ?" ಎಂದು ಒಳಗೆ ನಿಂದ ಹೆಂಗಸೊಬ್ಬಳು ಜೋರಾಗಿಯೇ ಕೇಳಿದಳು.

"ದಯವಿಟ್ಟು ಬಾಗಿಲು ತೆರೆಯಿರಿ. ನಾನು ಗಾಯಗೊಂಡಿದ್ದೇನೆ. ಪ್ಲೀಸ್..." ದಮನೀಯವಾಗಿ ಅಂಗಲಾಚಿದನು ರಾಹಿಲ್.

"ಗಾಯ? ಎಲ್ಲರಿಗೂ ದೇಹಕ್ಕೂ, ಮನಸ್ಸಿಗೂ ಗಾಯ ಮಾಡುವುದೇ ಯುದ್ಧದ ಪರಿ ತಾನೇ?" ಮುದುಕಿಯೊಬ್ಬಳು ಗೊಣಗಿಕೊಳ್ಳುತ್ತಾ ಬಾಗಿಲು ತೆರೆದಳು.

ರಾಹಿಲನು ತೆವಳುತ್ತಲೇ ಆತುರದಿಂದ ಮನೆಯೊಳಗೆ ನುಗ್ಗಿ, ಬಾಗಿಲಿಕ್ಕಿಕ್ಕೊಂಡು ಮನೆಯಾಕೆಯನ್ನು ದಿಟ್ಟಿಸಿದನು. ತಲೆಗೂದಲು ಬೆಳ್ಳಗಾದ ಮುದುಕಿ, ಕೈಯಲ್ಲಿ ಒಂದು ಚಿಕ್ಕ ದೀಪ. ದೀಪದ ಬೆಳಕು ಹೊರಬೀಳದಂತೆ ಒಂದು ಭಾಗಕ್ಕೆ ಕಾಗದವನ್ನು ಅಂಟಿಸಲಾಗಿತ್ತು.

ಮುಖವೆಲ್ಲ ಸುಕ್ಕುಗಟ್ಟಿದ ಮುದುಕಿ ದೀಪವನ್ನು ರಾಹಿಲನ ಸಮೀಪ ತಂದು ಆತನ ಮುಖವನ್ನು ಪರೀಕ್ಷಿಸುವಂತೆ ದಿಟ್ಟಿಸಿದಳು. "ಯಾರಪ್ಪ ನೀನು? ನಮ್ಮ ಕಡೆಯವರು ತಾನೇ?" ಭಯ ಮತ್ತು ಸಂದೇಹದ ಚಾಯೆಯಿತ್ತು ಮುದುಕಿಯ ಮಾತುಗಳಲ್ಲಿ. ಆತನು ಮುದುಕಿಯ ಕೈಯ ದೀಪದಡೆಗೆ ದೃಷ್ಟಿ ಹೊರಳಿಸಿ, "ನಾನು ಯುದ್ಧ ಮಾಡುವ ಮೂರ್ಖರ ಕಡೆಯವನಲ್ಲ. ಸಂಕಷ್ಟಕ್ಕೀಡಾದ ಮನುಷ್ಯರ ಕಡೆಯವನು." ಎಂದು ಗಂಭೀರವಾಗಿ ನೋಡಿದನು.

"ಯಾ ಅಲ್ಲಾ... ಉಮ್ಮಾ... ನನ್ನನ್ನು ರಕ್ಷಿಸಿ, ನಾನಿನ್ನು ತಾಳಲಾರೆ..." ಒಳಗಿನಿಂದ ಮತ್ತೊಮ್ಮೆ ಕೇಳಿತು ಆರ್ತನಾದ.

"ಯಾರಮ್ಮಾ ಅದು? ಏನಾಗಿದೆ?" ತನ್ನ ನೋವನ್ನು ಮರೆತು ಕೇಳಿದನು ರಾಹಿಲ್.

"ಏನು ಹೇಳಲಪ್ಪ?" ನನ್ನ ಸೊಸೆ ಹರಿಗೆ ಬೇನೆ ತಿನ್ನುತ್ತಿದ್ದಾಳೆ. ಸಂಜೆಯಿಂದಲೇ ನೋವು ಪ್ರಾರಂಭವಾಗಿದೆ. ಡಾಕ್ಟರನ್ನು ಅಥವಾ ಸೂಲಿಗಿತ್ತಿಯನ್ನಾದರೂ ಕರೆಯೋಣವೆಂದರೆ ಈ ಬಾಂಬುಗಳು, ಬ್ಲಾಕ್ ಔಟ್, ಯಾರಿಗೆ ಬೇಕಾಗಿದೆ ಈ ಯುದ್ಧ? ನನ್ನ ಹುಡುಗಿಗೊಮ್ಮೆ ಹರಿಗೆಯಾದರೆ ಸಾಕಾಗಿತ್ತು."

**ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಒಂದು ವಾಕ್ಯದಲ್ಲಿ ಉತ್ತರಿಸಿ**

5

11. ಯುದ್ಧದ ಬಗೆಗೆ ಮುದುಕಿಯು ಏನೆಂದು ಗೊಣಗಿಕೊಂಡು ಬಾಗಿಲು ತೆರೆದಳು?
12. ಗಡಿ ಪ್ರದೇಶಗಳಲ್ಲಿ 'ಬ್ಲಾಕ್ ಔಟ್' ನಿಯಮವನ್ನು ಏತಕ್ಕಾಗಿ ಪಾಲಿಸಲಾಗುತ್ತದೆ?
13. ರಾಹುಲ್ ಅನು ಮುದುಕಿಯ ಎದುರಿಗೆ ನುಡಿದ ಗಂಭೀರವಾದ ಮಾತು ಯಾವುದು?
14. ಹಿರಿಯ ಹೆಂಗಸೊಬ್ಬಳ ಸಾಂತ್ವನದ ಮಾತು ಯಾವುದು?
15. ಮುದುಕಿಯ ಸೊಸೆಗೆ ಏನಾಗಿತ್ತು?

**IV. ಈ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಜಿ. ಎಸ್. ಶಿವರುದ್ರಪ್ಪ ಅವರ 'ಸಂಕಲ್ಪ ಗೀತೆ' ಪಠ್ಯದಲ್ಲಿನ ಪರಿಚಿತ ಪದ್ಯವನ್ನು ಓದಿಕೊಂಡು ಅದರ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ಸರಿಯಾದ ಉತ್ತರವನ್ನು ಆರಿಸಿ ಬರೆಯಿರಿ.**

ಸುತ್ತಲು ಕವಿಯುವ ಕತ್ತಲೊಳಗೆ

ಪ್ರೀತಿಯ ಹಣತೆಯ ಹಚ್ಚೋಣ.

ಬಿರುಗಾಳಿಗೆ ಹೊಯ್ಯಾಡುವ ಹಡಗನು

ಎಚ್ಚರದಲ್ಲಿ ಮುನ್ನಡೆಸೋಣ.

ಕಲುಷಿತವಾದಿ ನದೀಜಲಗಳಿಗೆ

ಮುಂಗಾರಿನ ಮಳೆಯಾಗೋಣ.

ಬರಡಾಗಿರುವ ಕಾಡು ಮೇಡುಗಳ

ವಸಂತವಾಗುತ್ತ ಮುಟ್ಟೋಣ.

ಬಿದ್ದುದನ್ನು ಮೇಲೆಬ್ಬಿಸಿ ನಿಲ್ಲಿಸಿ

ಹೊಸ ಭರವಸೆಗಳ ಕಟ್ಟೋಣ.

ಮನುಜರ ನಡುವಣ ಅಡ್ಡಗೋಡೆಗಳ

ಕಡುವುತ ಸೇತುವೆಯಾಗೋಣ.

ಮತಗಳೆಲ್ಲವೂ ಪಥಗಳು ಎನ್ನುವ

ಹೊಸ ಎಚ್ಚರದೊಳು ಬದುಕೋಣ

ಭಯ-ಸಂಶಯದೊಳು ಕಂದಿದ ಕಣ್ಣೊಳು

ನಾಳಿನ ಕನಸನು ಬಿತ್ತೋಣ.

ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಒಂದು ವಾಕ್ಯದಲ್ಲಿ ಉತ್ತರಿಸಿ.

5

16. ಕವಿ ಶಿವರುದ್ರಪ್ಪನವರ ಪ್ರಕಾರ ಹಡುಗು ಯಾವುದರಿಂದ ಹೊಯ್ಯಾಡುತ್ತಿದೆ?

17. ನಮ್ಮ ಸುತ್ತಲೂ ಆವರಿಸಿರುವ ಕತ್ತಲೆಯನ್ನು ಹೋಗಲಾಡಿಸಲು ಯಾವ ದೀಪವನ್ನು ಹಚ್ಚಬೇಕು?

18. "ಸುತ್ತಲೂ ಕವಿಯುವ ಕತ್ತಲೆಯೊಳಗೆ ಪ್ರೀತಿಯ ಹಣತೆಯ ಹಚ್ಚೋಣ" ಇಲ್ಲಿ 'ಕತ್ತಲೆ' ಎಂದರೆ :

19. ಕವಿಯ ಅಭಿಪ್ರಾಯದಲ್ಲಿ ಇಂದು ನದೀಜಲಗಳು ಏನಾಗಿವೆ?

20. ಯಾವ ಎಚ್ಚರದಲ್ಲಿ ಬದುಕಬೇಕಾಗಿದೆ?

ವಿಭಾಗ - ಬಿ

(ಅನ್ವಯಿಕ ವ್ಯಾಕರಣ ಮತ್ತು ಪಠ್ಯ ಪೂರಕ ಅಧ್ಯಯನ)=20

V. ಕೊಟ್ಟಿರುವ ಆಯ್ಕೆಗಳಿಂದ ಸರಿಯಾದ ಉತ್ತರ ಆರಿಸಿ ಬರೆಯಿರಿ.

1

21. A. ಗಿರಿವನದುರ್ಗಗಳು

1. ಕ್ರಿಯಾಸಮಾಸ

B. ಸಪ್ತಸ್ವರಗಳು

2. ದ್ವಂದ್ವ ಸಮಾಸ

C. ಹೊಸಗನ್ನಡ

3. ದ್ವಿಗು ಸಮಾಸ

D. ಮನಗಾಣು

4. ಕರ್ಮಧಾರೆಯ ಸಮಾಸ

ಎ) ಎ-1 ಬಿ-2 ಸಿ-3 ಡಿ-4

ಬಿ) ಎ-3 ಬಿ-2 ಸಿ-1 ಡಿ-4

ಸಿ) ಎ-2 ಬಿ-3 ಸಿ-4 ಡಿ-1

ಡಿ) ಎ-3 ಬಿ-3 ಸಿ-4 ಡಿ-2

22. ಕರ್ನಾಟಕವನ್ನು ಖದು ಕೈಗಾರಿಕಾ ವಲಯಗಳಾಗಿ ವಿಂಗಡಿಸಲಾಗಿದೆ - ಈ ವಾಕ್ಯದಲ್ಲಿ ಗೆರೆ ಎಳೆದ ಪದ.

1

ಎ) ವಸ್ತುವಾಚಕ

ಬಿ) ಸಂಖ್ಯೆಯವಾಚಕ

ಸಿ) ಗುಣವಾಚಕ

ಡಿ) ಸಂಖ್ಯಾವಾಚಕ

23. ವಿಧ್ಯರ್ಥಕ ಕ್ರಿಯಾಪದದ ಅಖ್ಯಾತ ಪ್ರತ್ಯಯ.

1

ಅನು ಬಿ) ಅನು ಸಿ) ಅಲಿ ಡಿ) ಯಾವುದು ಅಲ್ಲ.

ತಾನು, ತನ್ನ: ಅತ್ಯಾರ್ಥಕ ಸರ್ವನಾಮ :: ನಾನು, ನಾವು : \_\_\_\_\_

- ಎ) ಮಾಧ್ಯಮ ಪುರುಷ ಸರ್ವನಾಮ ಬಿ) ಪ್ರಥಮ ಪುರುಷ ಸರ್ವನಾಮ  
ಸಿ) ಪ್ರತ್ಯಾರ್ಥಕ ಸರ್ವನಾಮ ಡಿ) ಉತ್ತಮ ಪುರುಷ ಸರ್ವನಾಮ

25. ಹೊಗೆದೋರು, ಹತ್ತಿಪತ್ತು, ದ್ವೇಷಾಸೂಯೆ, ಮೈಯಲ್ಲಿ - ಪದಗಳ ಸಂಧಿಯನ್ನು ಕ್ರಮವಾಗಿ ಜೋಡಿಸಿ.

- ಎ) ಸರ್ವರ್ಥದೀರ್ಘಸಂಧಿ, ಗುಣಸಂಧಿ, ಆದೇಶಸಂಧಿ, ಲೋಪಸಂಧಿ  
ಬಿ) ಆದೇಶಸಂಧಿ, ಯಣ್ ಸಂಧಿ, ಆಗಮಸಂಧಿ, ಸರ್ವರ್ಥದೀರ್ಘಸಂಧಿ, ಆಗಮಸಂಧಿ  
ಸಿ) ಆದೇಶಸಂಧಿ, ಸರ್ವರ್ಥದೀರ್ಘಸಂಧಿ, ಆಗಮಸಂಧಿ, ಲೋಪಸಂಧಿ  
ಡಿ) ಲೋಪಸಂಧಿ, ಸರ್ವರ್ಥದೀರ್ಘಸಂಧಿ, ಗುಣಸಂಧಿ, ಆದೇಶಸಂಧಿ

26. ಧನ-ದನ ಈ ಪದಗಳ ಅರ್ಥ ವ್ಯತ್ಯಾಸ ಕ್ರಮವಾಗಿ.

- ಎ) ಸಂಪತ್ತು ಆಪತ್ತು  
ಬಿ) ಜಾನುವಾರು ಸಂಪತ್ತು  
ಸಿ) ಸಂಪತ್ತು ಸಸಿ  
ಡಿ) ಸಂಪತ್ತು ಜಾನುವಾರು

27. ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ತತ್ಸಮ-ತದ್ಭವ ಪದಗಳನ್ನು ಹೊಂದಿಸಿ ಬರೆಯಿರಿ.

- ಪಾದುಕಾ ಬೇಸಿಗೆ  
ಅರ್ಕ ಜೂಜು  
ದ್ಯುತ ಅಕ್ಕ  
ವೈಶಾಖ ಎಕ್ಕ  
ಹಾವುಗೆ

- ಎ) ಎ-5 ಬಿ-4 ಸಿ-2 ಡಿ-2 ಬಿ) ಎ-3 ಬಿ-2 ಸಿ-4 ಡಿ-5  
ಸಿ) ಎ-2 ಬಿ-4 ಸಿ-5 ಡಿ-3 ಡಿ) ಎ-5 ಬಿ-4 ಸಿ-2 ಡಿ-1

28. ಈ ಕೆಳಕಂಡ ಪದಗಳಲ್ಲಿ ಗುಂಪಿಗೆ ಸೇರದ ಪದವಿದು.

- ಎ) ಸರಸರ ಬಿ) ಕರಕರ ಸಿ) ಪಟಪಟ ಡಿ) ಬಟ್ಟಬಯಲು

29. 'ಕಸವರಂ' ದ್ವಿತೀಯ ವಿಭಕ್ತಿಯಾದರೆ : ವಾಜಿಯೋಳ್ : ಎಂಬುದು.

- ಎ) ಪ್ರಥಮ ಬಿ) ತೃತೀಯ  
ಸಿ) ಸಪ್ತಮಿ ಡಿ) ಪಂಚಮಿ

30. 'ಸಕ್ಕಾರಿ' ಪದದ ಗ್ರಾಂಥಿಕ ರೂಪವಿದು.

- ಎ) ಸರ್ಕಾರ                      ಬಿ) ಸಕ್ಕರೆ  
ಸಿ) ಶರ್ಕರ                        ಡಿ) ಕರ್ಕಶ

VI. ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಸೂಚನೆಯಂತೆ ಉತ್ತರಿಸಿ.

31. ಕಾಲಿಗಬುದ್ಧಿಹೇಳು - ಈ ಪದವನ್ನು ನಿಮ್ಮ ಸ್ವಂತವಾಕ್ಯದಲ್ಲಿ ಬಳಸಿ ಬರೆಯಿರಿ.

32. 'ಯುದ್ಧದ ಹೆಸರಿನಲ್ಲಿ ಮನುಷ್ಯ ಜೀವಿಗಳ ಸಾಮೂಹಿಕ ಕೊಲೆಯಾಗುತ್ತಿದೆ.' - ಈ ವಾಕ್ಯವನ್ನು ಭವಿಷ್ಯತ್ ಕಾಲದಲ್ಲಿ ಬರೆಯಿರಿ.

34. ಈ ಗಾದೆ ಮಾತಿನ ಅರ್ಥ ಬರೆಯಿರಿ.

" ಎಣ್ಣೆ ಬಂದಾಗ ಕಣ್ಣು ಮುಚ್ಚಿಕೊಂಡರಂತೆ"

ಅಥವಾ

" ಅಗ್ಗದ ಆಸೆಗೆ ಮುಗ್ಗಿದ ಜೋಳ ಕೊಂಡಂತೆ"

34. ಅವರಿಂದ ಶಿಕ್ಷಣದ ವಿವಿಧ ಯೋಜನೆಗಳು ರೂಪಿಸಲ್ಪಟ್ಟವು. - ಈ ವಾಕ್ಯವನ್ನು ಕರ್ತರಿ ರೂಪಕ್ಕೆ ಪರಿವರ್ತಿಸಿ ಬರೆಯಿರಿ.

35. 'ಧನ್ಯ ನಾನು ಸಿದ್ಧರ ವರವೆಂದು ನನಗೆ ಪಾಲಿಸಿದೆ.' - ಈ ವಾಕ್ಯವನ್ನು ಸಂಭಾವನಾರ್ಥಕ ರೂಪದಲ್ಲಿ ಬರೆಯಿರಿ.

VII. ಈ ಕೆಳಗಿನ ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಗಳಿಗೆ ನಾಲ್ಕು ಉತ್ತರಗಳನ್ನು ಕೊಡಲಾಗಿದೆ. ಅವುಗಳಲ್ಲಿ ಸರಿಯಾದ ಉತ್ತರವನ್ನು ಆರಿಸಿ ಬರೆಯಿರಿ.

36. ಮಾತೃಭೂಮಿಯನ್ನು ಗುಲಾಮಗಿರಿಯ ಸಂಕೋಲೆಯಿಂದ ಬಿಡಿಸಲು ಹೋರಾಡಿದವರು ಇವರು.

- ಎ) ನೆಹರು                      ಬಿ) ನಾರಾಯಣ ಗುರು                      ಸಿ) ಪೆರಿಯಾರ್                      ಡಿ) ಭಗತ್ ಸಿಂಗ್

37. ಚಂದವ ಕಡಿದು ಕೊರೆದರೆ ಅದು ಏನನ್ನು ಬಿಡುವುದಿಲ್ಲ.

- ಎ) ಕಂಪು                      ಬಿ) ತೊಗಟೆ                      ಸಿ) ಬೇರು                      ಡಿ) ಸಿಹಿ

38. ಹಾಲು ಗಲ್ಲದ ಹಸುಳೆ ಏನು ಮಾಡುತ್ತಿದ್ದಾಳೆ?

- ಎ) ಜಳಕ ಮಾಡುತ್ತಿದ್ದಾಳೆ                      ಬಿ) ಮುಸುರೆ ತಿಕ್ಕುತ್ತಿದ್ದಾಳೆ

- ಸಿ) ಊಟ ಮಾಡುತ್ತಿದ್ದಾಳೆ                      ಡಿ) ಓದುತ್ತಿದ್ದಾಳೆ

39. "ಆನ್ ಟು ದಿಸ್ ಲಾಸ್ಟ್" ಎಂಬ ಪುಸ್ತಕ ಈ ಕೆಳಗಿನ ಯಾವ ಭಾಷೆಗೆ ಅನುವಾದ ವಾಗಿದೆ.

- ಎ) ಬಂಗಾಳಿ                      ಬಿ) ಮರಾಠಿ                      ಸಿ) ಗುಜರಾತಿ                      ಡಿ) ಒಡಿಸ್ಸಾ

40. ಗೋಡೆಗಳು ಏನನ್ನು ಕಂಡಿಲ್ಲ?

- ಎ) ನೀರು                      ಬಿ) ಬಣ್ಣ                      ಸಿ) ಸುಣ್ಣ                      ಡಿ) ಸಿಮೆಂಟ್

ದಿನಾಂಕ 09-12-2025 ರ ಕನ್ನಡ ಪ್ರಜಾವಾಣಿ ದಿನಪತ್ರಿಕೆಯಲ್ಲಿ ಪ್ರಕಟವಾದ ಜಾಹಿರಾತಿನ ಮೇರೆಗೆ ಕಂದಾಯ ಇಲಾಖೆಯಲ್ಲಿ ಖಾಲಿ ಇರುವ ಕಂದಾಯ ನಿರೀಕ್ಷಕರ ಹುದ್ದೆಗೆ ನಿಮ್ಮ ಸ್ವ-ವಿವರಗಳೊಂದಿಗೆ ಅರ್ಜಿ ಸಲ್ಲಿಸಿ. 4

**ಅಥವಾ**

ನಿಮ್ಮ ಬಡಾವಣೆಗೆ ಅಗತ್ಯವಾದ ಗ್ರಂಥಾಲಯವನ್ನು ಸ್ಥಾಪಿಸಲು ತೋರಿ ಮುಖ್ಯ ಗ್ರಂಥ ಖಾಲಿಕರು, ಮುಖ್ಯ ಗ್ರಂಥಾಲಯ, ಬೆಂಗಳೂರು ಇವರಿಗೆ ಒಂದು ಪತ್ರಬರೆಯಿರಿ.

42. ನಿಮ್ಮ ಶಾಲೆಯಲ್ಲಿ ಆಚರಿಸಿದ ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವವನ್ನು ಕುರಿತು ವರದಿ ತಯಾರಿಸಿ.

43. ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ವಿಷಯಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಒಂದು ವಿಷಯವನ್ನು ಕುರಿತು ಪ್ರಬಂಧ ಬರೆಯಿರಿ. 4

1. ಗ್ರಂಥಾಲಯಗಳ ಮಹತ್ವ

2. ಮಹಿಳಾ ಸಬಲೀಕರಣ

3. ತ್ಯಾಜ್ಯ ವಸ್ತು ವಿಲೇವಾರಿ

**ವಿಭಾಗ-ಡಿ**

(ಪಠ್ಯಗಳ ಅಧ್ಯಯನ)

**VIII. ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ 2-3 ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ**

44. ಹುಲಿಯು ಹಿಂದಿನಿಂದ ಹರಿ ಕೊಲ್ಲದಿರಲು ಕಾರಣಗಳೇನು? 2

45. ದಂಡು ಹಲಗಲಿಯ ಮೇಲೆ ಹೇಗೆ ದಾಳಿ ನಡೆಸಿತು? 2

46. ಅಮಾಯಕ ಭಾರತೀಯರ ಮೇಲೆ ಗುಂಡಿನ ಮಳೆಗರೆದ ಅಧಿಕಾರಿಯ ಹೆಸರೇನು? ಜಲಿಯನ್ ವಾಲಾ ಭಾಗ್ ನಲ್ಲಿ ಶಾಂತಿಯುತ ಸಭೆ ಯಾವಾಗ ನಡೆಯಿತು?

47. ಯಾರಿಗೆ ವಸಂತ ಮುಖ ತೋರಲಿಲ್ಲ? 2

**IX. ಈ ಕೆಳಕಂಡ ಪ್ರಶ್ನೆಗಳಿಗೆ 5-6 ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ**

48. ಶಬರಿಯ ಚಿಂತೆ ಹಿಂಗಿಹೋದ ಸಂದರ್ಭದ ಸ್ವಾರಸ್ಯವನ್ನು ವಿವರಿಸಿ. 3

49. ಕವಿಯಾತ್ಮವು ಹಸುರು ಗಟ್ಟಲು ಕಾರಣವಾದ ಹಿನ್ನೆಲೆಯ ಅಂಶಗಳೇನು? 3

**X. ಈ ಕೆಳಗಿನ ಸಂದರ್ಭಗಳನ್ನು ಸ್ವಾರಸ್ಯದೊಡನೆ ವಿವರಿಸಿ.**

50. " ಬೆಳಕಿಗೊಲಿದವರ್ ಉರಿವ ಭಕ್ತಿಯ ಕರುಕ ಕಾಣರು " 3

**ಅಥವಾ**

" ಸಾಮಾಜಿಕ ಕಾನೂನುಗಳ ಹರಿಕಾರ "

51. " ಜಿಯಾ ಹಸದ ಎಂಬುದು ಕಷ್ಟ " 3

**ಅಥವಾ**

" ತನ್ನ ಮಾತೆಯಂ ಸರ್ವಜನಮುಂ ಬಂಜೆಯನ್ನದಿರ್ಪುದೇ"

XI. ಈ ಕೆಳಗಿನ ವಾಕ್ಯಗಳಿಗೆ ಎಂಟು ಹತ್ತು ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ.

50. ಮೂರ್ತಿರಾಯರ ದೃಷ್ಟಿಯಲ್ಲಿ ಹುಲಿಯು ಬೇಟೆಯಾಡುವ ಬಗೆಯನ್ನು ವಿವರಿಸಿ.

4

**ಅಥವಾ**

ಕವಿ ಸಿದ್ಧಲಿಂಗಯ್ಯ ಹೇಳಿದ ಕತೆಯನ್ನು ಬರೆಯಿರಿ.

XII. ಈ ಕೆಳಗಿನ ವಾಕ್ಯಗಳಿಗೆ ಎಂಟು ಹತ್ತು ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ.

51. ಹಲಗಲಿ ದಂಗೆಗೆ ಕಾರಣವೇನು? ಸರ್ಕಾರ ಅದನ್ನು ಹೇಗೆ ನಿಯಂತ್ರಿಸಿತು?

4

**ಅಥವಾ**

ಪ್ರಕೃತಿಯ 'ಹಸಿರು' ಜೀವಜಗತ್ತಿಗೆ ಎಷ್ಟು ಮುಖ್ಯ ಎಂಬುದನ್ನು ಕುರಿತು ನಿಮ್ಮ ಅಭಿಪ್ರಾಯಗಳನ್ನು ಬರೆಯಿರಿ.



# BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

## PRE-BOARD EXAMINATION -I (2025 - 2026)

### GRADE X

Date: 17.12.2025

SET - 2

Max Marks: 80

Subject: Kannada (015)

Time: 3 hours

ಸೂಚನೆಗಳು:

- ಈ ಪ್ರಶ್ನೆಪತ್ರಿಕೆಯಲ್ಲಿ ಒಟ್ಟು 15 ಮುಖ್ಯ ಪ್ರಶ್ನೆಗಳಿರುತ್ತವೆ.
- ಈ ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯು PART - 1 & PART - 2 ಎಂಬ ಎರಡು ಭಾಗಗಳನ್ನು ಮತ್ತು A B C D ಎಂಬ ನಾಲ್ಕು ವಿಭಾಗಗಳನ್ನು ಒಳಗೊಂಡಿರುತ್ತವೆ.
- PART - 1 SECTION - A ನಲ್ಲಿ ಒಟ್ಟು 4 ಮುಖ್ಯ ಪ್ರಶ್ನೆಗಳು, 10 ಬಹು ಅಯ್ಕೆಯ ಉಪ-ಪ್ರಶ್ನೆಗಳು ಮತ್ತು ಬರವಣಿಗೆಯ 10 ಪ್ರಶ್ನೆಗಳಿರುತ್ತವೆ.
- PART - 1 SECTION - B ಅನ್ವಯಿಕ ವ್ಯಾಕರಣದಲ್ಲಿ 10 ಬಹುಅಯ್ಕೆಯ ಪ್ರಶ್ನೆಗಳು, 5 ಬರವಣಿಗೆಯ ಪ್ರಶ್ನೆಗಳು ಮತ್ತು ಪಠ್ಯಪೂರಕದ 5 ಬಹು ಅಯ್ಕೆ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಬೇಕು.
- PART - 2 -SECTION - C (ಬರವಣಿಗೆ ಕೌಶಲ್ಯ) ಯಲ್ಲಿರುವ ಎಲ್ಲಾ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರಿಸಬೇಕು.
- PART - 2 -SECTION - B (ಪಠ್ಯಗಳ ಅಧ್ಯಯನ) ಯಲ್ಲಿರುವ 11 ರಿಂದ 15 ಮುಖ್ಯ ಪ್ರಶ್ನೆಗಳಿಗೆ ಅಲ್ಲಿ ಕೊಟ್ಟಿರುವ ಸೂಚನೆಯಂತೆ ಉತ್ತರಿಸಬೇಕು.

PART - 1 (40 ಅಂಕಗಳು)	ವಾಚನ ಮತ್ತು ಗ್ರಹಿಕಾ ಕೌಶಲ್ಯ	20 ಅಂಕಗಳು
	ಅನ್ವಯಿಕ ವ್ಯಾಕರಣ	15 ಅಂಕಗಳು
	ಬಹು ಅಯ್ಕೆಪ್ರಶ್ನೆ - ಪಠ್ಯಗಳ ಅಧ್ಯಯನ	05 ಅಂಕಗಳು
PART - 2 (40 ಅಂಕಗಳು)	ಬರವಣಿಗೆ ಕೌಶಲ್ಯ	12 ಅಂಕಗಳು
	ಪಠ್ಯಗಳ ಅಧ್ಯಯನ	28 ಅಂಕಗಳು
	ಒಟ್ಟು ಅಂಕಗಳು	80 ಅಂಕಗಳು

### ವಿಭಾಗ A

(ವಾಚನ ಮತ್ತು ಗ್ರಹಿಕಾ ಕೌಶಲ್ಯ):20 ಅಂಕಗಳು

1. ಈ ಕೆಳಗಿನ ಗದ್ಯಾಂಶವನ್ನು ಓದಿಕೊಂಡು ಅದರ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ಉತ್ತರ ಬರೆಯಿರಿ.

ಇಮ್ಮಡಿ ಪುಲಕೇಶಿ ಚಾಲುಕ್ಯ ವಂಶದ ಪ್ರಸಿದ್ಧ ದೊರೆ. ಇವನು ಕ್ರಿಸ್ತಶಕ 610 ರಿಂದ 642 ರವರೆಗೆ ಆಳ್ವಿಕೆ ನಡೆಸಿದನು. ಇವನ ಆಳ್ವಿಕೆ ಕಾಲದಲ್ಲಿ ಬಾದಾಮಿ ಚಾಲುಕ್ಯರ ಸಾಮ್ರಾಜ್ಯವು ದಖನ್ ಪ್ರಸ್ಥಭೂಮಿಯ ಹೆಚ್ಚಿನ ಪ್ರದೇಶವನ್ನು ಆವರಿಸಿತ್ತು. ಬಾದಾಮಿಯ ಚಾಲುಕ್ಯರು ಎಂದು ಪ್ರಸಿದ್ಧರಾದ ಈ ವಂಶಜರು ಸುಮಾರು 200 ವರ್ಷಗಳ ಕಾಲ ತಮ್ಮ ರಾಜ್ಯಭಾರವನ್ನು ಸ್ಥಾಪಿಸಿದರು. ಇವರು ಮೂಲತಃ ಬನವಾಸಿಯಿಂದ ಬಂದ ಕನ್ನಡ ಜನಾಂಗದವರು. ಮುಂದೆ ಜೈನ ಸಂಪ್ರದಾಯ ಪಾಲಿಸಿದರು. ಕ್ರಿಸ್ತಶಕ ಸುಮಾರು 530ರಲ್ಲಿ ಜಯಸಿಂಹನಿಂದ ಪ್ರಾರಂಭವಾದ ಚಾಲುಕ್ಯ ಮನೆತನದ ಆಡಳಿತವು ಕ್ರಿಸ್ತಶಕ 757ರಲ್ಲಿ ಎರಡನೇ ಕೀರ್ತಿವರ್ಮನ ಕಾಲಕ್ಕೆ ಮುಕ್ತಾಯವಾಯಿತು. ಕ್ರಿಸ್ತಶಕ 757 ರಲ್ಲಿ ರಾಷ್ಟ್ರಕೂಟರ 'ದಂತಿದುರ್ಗ'ನು ಚಾಲುಕ್ಯರ ಅರಸನಾದ ಇಮ್ಮಡಿ ಕೀರ್ತಿವರ್ಮನನ್ನು ಯುದ್ಧದಲ್ಲಿ ಸೋಲಿಸಿ ಪ್ರಾಚೀನ ಕರ್ನಾಟಕ ರಾಜಕೀಯ ವಲಯದಲ್ಲಿ ಚಾಲುಕ್ಯರು ಮಿರಮಿರಸುವಂತೆ ಮಾಡಿದನು. ಸಾರ್ವಭೌಮರಾಗಿ

ಮರದ ಬಾದಾಮಿ ಚಾಲುಕ್ಯರು ಕರ್ನಾಟಕದಲ್ಲಿ ಸ್ವತಂತ್ರವಾಗಿ ವಿಶಾಲವಾದ ಸಾಮ್ರಾಜ್ಯವನ್ನು ಕಟ್ಟಿ ಕರ್ನಾಟಕದ ಭೌಗೋಳಿಕ ಗಡಿಗಳನ್ನು ವಿಸ್ತರಿಸಿದ ಕನ್ನಡದ ಅರಸರಲ್ಲಿ ಇವರ ಪಾತ್ರ ಮಹತ್ವದ ಅಡಳಿತವಧಿಯಿದ್ದು ಕೂಡ ಕಂಚಿ ಪಲ್ಲವರ ಜೊತೆಗೆ ಹಗೆತನ ಸಾಧಿಸಿದ ಬಾದಾಮಿ ಚಾಲುಕ್ಯರು ಕನ್ನಡದ ಇಮ್ಮಡಿ ಪುಲಕೇಶಿ (ನೌಕಾಪಡೆಯ ಪಿತಾಮಹ) ನನ್ನು ಕಳೆದುಕೊಂಡು 13 ವರ್ಷಗಳ ಪರಕೀಯ ಬಿಸಿಯನ್ನು ಸಹಿಸಿದರು. ಆದರೆ ಸೋಲಿನ ಕಹಿ ಅನುಭವವನ್ನು ಇಮ್ಮಡಿ ವೀರಮಾದಿತ್ಯನು ಸೋಲಿಸುವುದರ ಮುಖಾಂತರ ಬಾದಾಮಿ ಚಾಲುಕ್ಯರ ಸಾಮ್ರಾಜ್ಯವನ್ನು ಮರುಕಟ್ಟಿದ ಕೀರ್ತಿಗೆ ಪಾತ್ರನಾದ ಕರ್ನಾಟಕ ಇತಿಹಾಸದಲ್ಲಿ ನಡೆದು ಹೋದ ಈ ಸೋಲು ಗೆಲುವುಗಳು ದೇಶದ ಸಾಂಸ್ಕೃತಿಕ ಕೊಡು-ಕೊಳ್ಳುವಿಕೆಯ ಮೇಲೆ ಅಗಾಧವಾದ ಪರಿಣಾಮ ಬೀರಿದವು. ಮುಖ್ಯವಾಗಿ ಕಲಾ ಸಾಂಸ್ಕೃತಿಕ ಆಯಾಮಗಳು ಬದಲಾವಣೆ ಹೊಂದಿ ಆಚರಣೆಯಲ್ಲಿ ಬಂದವು. ತನ್ನ ಪಟ್ಟಾಭಿಷೇಕವಾದ ಮೇಲೆ ಹೆಸರು ಪುಲಕೇಶಿ ಎಂದು ಹೆಸರು ಬದಲಾಯಿಸಿಕೊಂಡ ಎರೆಯನು ಚಾಲುಕ್ಯರಾಜ ಮೊದಲನೇ ಕೀರ್ತಿವರ್ಮನ ಮಗನು. ಕೀರ್ತಿವರ್ಮನು ಕ್ರಿಸ್ತಶಕ 597ರಲ್ಲಿ ನಿಧನರಾದಾಗ ಎರೆಯನು ಚಿಕ್ಕ ಬಾಲಕ. ಕೀರ್ತಿವರ್ಮನ ಸಹೋದರ ಮಂಗಳೇಶನು ಎರೆಯನು ವಯಸ್ಕರಾಗುವವರೆಗೆ ರಾಜ್ಯ ವೃತ್ತಿನಿಧಿಯಾಗಿ ರಾಜ್ಯದ ಅಡಳಿತವನ್ನು ವಹಿಸಿಕೊಂಡನು. ಮಂಗಳೇಶನು ಸಮರ್ಥ ಅಡಳಿತಗಾರನಾಗಿದ್ದು ರಾಜ್ಯ ವಿಸ್ತರಣೆಗೆ ಮುಂದಾದನು. ಎರೆಯನು ವಯಸ್ಸಿಗೆ ಬಂದಾಗ ಅಧಿಕಾರದ ಆಸೆಯಿಂದ ಮಂಗಳೇಶನು ಚಾಲುಕ್ಯ ಸಿಂಹಾಸನವನ್ನು ರಾಜಕುಮಾರ ಎರೆಯನಿಗೆ ಬಿಟ್ಟುಕೊಡಲು ನಿರಾಕರಿಸಿದನು. ಅಲ್ಲದೆ ತನ್ನ ಮಗನನ್ನು ಉತ್ತರಯಾದಿಕಾರಿಯನ್ನಾಗಿ ಮಾಡಿ ತನ್ನ ವಂಶದ ಆಳ್ವಿಕೆಯನ್ನು ಶಾಶ್ವತವಾಗಿಸುವ ಪ್ರಯತ್ನ ಮಾಡಿದನು. ಎರೆಯನು ಬನಾ ಪ್ರದೇಶ (ಕೋಲಾರ) ದಲ್ಲಿ ಆಶ್ರಯ ಪಡೆದು ತನ್ನ ಸಹಚರರ ಸಹಾಯದಿಂದ ಸೈನ್ಯವನ್ನು ಸಂಘಟಿಸಿ ತನ್ನ ಚಿಕ್ಕಪ್ಪನ ಮೇಲೆ ಯುದ್ಧ ಸಾರಿದನು. ಈ ಯುದ್ಧದಲ್ಲಿ ಮಂಗಳೇಶನು ಪರಾಭವಗೊಂಡು ಹತನಾದನು. ಎರೆಯನು 'ಇಮ್ಮಡಿ ಪುಲಕೇಶಿ' ಎಂದು ಕ್ರಿಸ್ತಶಕ 610 ರಲ್ಲಿ ಚಾಲುಕ್ಯ ಸಿಂಹಾಸನವನ್ನೇರಿದನು. ಹಾಗೂ ಚಾಲುಕ್ಯ ಪರಮೇಶ್ವರ ಎಂಬ ಬಿರುದನ್ನು ಧರಿಸಿದ್ದನು.

ಪುಲಕೇಶಿಯು ಹೀಗೆ ಬಾದಾಮಿ, ಪಾಪನಾಥ ದುರ್ಗ ಮತ್ತು ಲಡಾಖಾನ ಮುಂತಾದ ದೇವಾಲಯಗಳನ್ನು ಕಟ್ಟಿಸಿದನು. ರಾಜ್ಯಾಭಿಷೇಕದ ಬಳಿಕ ಪುಲಕೇಶಿ ಹಲವಾರು ಸಮಸ್ಯೆಗಳನ್ನು ಎದುರಿಸಬೇಕಾಗಿತ್ತು. ಅದರಲ್ಲಿ ಮೊದಲಿಗೆ ಬೀಮ ನದಿಯ ತಟದಲ್ಲಿ ಪುಲಕೇಶಿಯು ಅಪ್ಪಾಯಿಕ ಮತ್ತು ಗೋವಿಂದರನ್ನು ಸೋಲಿಸಿ, ತನ್ನ ವಿಜಯದ ಸಂಕೇತವಾಗಿ ಒಂದು ವಿಜಯ ಸ್ಥಾನವನ್ನು ಸ್ತಂಭವನ್ನು ಕಟ್ಟಿಸಿದನು. ಹೀಗೆ ಇಮ್ಮಡಿ ಪುಲಕೇಶಿ ತನ್ನ ಸಮಕಾಲೀನ ಚಕ್ರವರ್ತಿಗಳ ಸಾಲಿನಲ್ಲಿ ಮೂಂಚೂಣಿಯಲ್ಲಿ ನಿಲ್ಲುವಂತೆ ಅರಸು. ಮೊಹಮದೀಯರ ಅಕ್ರಮಣದವರಿಗೂ ಸ್ಥಾಪಿತವಾದ ಪ್ರಭುದ್ಧ ಹಿಂದೂ ಸಾಮ್ರಾಜ್ಯಗಳಲ್ಲಿ ಚಾಲುಕ್ಯ ಸಾಮ್ರಾಜ್ಯವು ಗಣನೀಯವಾದದ್ದು. ಅಪ್ಪಾಯಿಕ ಮತ್ತು ಗೋವಿಂದರನ್ನು ಮೊದಲೊಂದು ಉತ್ತರ ಪಥೇಶ್ವರ ಎಂಬ ಬಿರುದಾಂಕಿತನಾಗಿದ್ದ ಕನೋಜದ ದೊರೆ ಹರ್ಷವರ್ಧನನನ್ನು ಗೆಲ್ಲುವುದರವರಿಗೂ ಪುಲಕೇಶಿಯ ದಿಗ್ವಿಜಯ ಪರಿಕ್ರಮಿಸಿತ್ತು. ಕೊನೆಗೆ ಪಲ್ಲವರ ದೊರೆ ನರಸಿಂಹವರ್ಮನಿಂದ ಹತನಾದನು.

**ಪ್ರಶ್ನೆಗಳು**

- 1) ಕನೋಜದ ದೊರೆ ಈತ .....  
 ಎ) ಅಪ್ಪಾಯಿಕ                      ಬಿ) ಗೋವಿಂದ                      ಸಿ) ಮಂಗಳೇಶ                      ಡಿ) ಹರ್ಷವರ್ಧನ
- 2) ನೌಕಾಪಡೆಯ ಪಿತಾಮಹ ಎಂದು ಯಾರನ್ನು ಕರೆಯುತ್ತಿದ್ದರು  
 ಎ) ಮಂಗಳೇಶ                      ಬಿ) ಇಮ್ಮಡಿ ಪುಲಕೇಶಿ                      ಸಿ) ದಂತಿದುರ್ಗ                      ಡಿ) ಜಯಸಿಂಹ
- 3) ಇಮ್ಮಡಿ ಕೀರ್ತಿವರ್ಮನನ್ನು ಸೋಲಿಸಿದ ದೊರೆ ಯಾರು?  
 ಎ) ದಂತಿದುರ್ಗ                      ಬಿ) ಹರ್ಷವರ್ಧನ                      ಸಿ) ನರಸಿಂಹ                      ಡಿ) ಅಪ್ಪಾಯಿಕ
- 4) ಎರಡನೇ ಪುಲಕೇಶಿಯ ಜನ್ಮನಾಮ ಯಾವುದು?  
 ಎ) ಮಯೂರ                      ಬಿ) ಪುಲಕೇಶಿ                      ಸಿ) ಎರೆಯನು                      ಡಿ) ಅರಿಕೇಸರಿ
- 5) ಈ ಕೆಳಗಿನ ಹೇಳಿಕೆಗಳನ್ನು ಸರಿಯಾಗಿ ಓದಿ ಉತ್ತರ ಬರೆಯಿರಿ  
 ಹೇಳಿಕೆ 1:- ಪುಲಕೇಶಿಯು ಬಾದಾಮಿ, ಪಾಪನಾಥ, ದುರ್ಗ, ಲಡಾಖಾನ ದೇವಾಲಯಗಳನ್ನು ಕಟ್ಟಿಸಿದನು.



ಪ್ರಶ್ನೆಗಳು:

6. ಕೋಲಾರ ಜಿಲ್ಲೆಯ ಪ್ರಮುಖ ಕಸುಬುಗಳೆಂದರೆ.

- A. ಕೃಷಿ, ಮೀನುಗಾರಿಕೆ ಹಾಗೂ ರೇಷ್ಮೆ ಉದ್ಯಮ.
- B. ಜೇನು ಸಾಕಾಣಿಕೆ, ಪಶು ಸಾಕಾಣಿಕೆ ಹಾಗೂ ರೇಷ್ಮೆ ಉದ್ಯಮ.
- C. ಕೃಷಿ, ಪಶು ಸಾಕಾಣಿಕೆ ಹಾಗೂ ಅಣಬೆ ಕೃಷಿ
- D. ಕೃಷಿ, ಪಶು ಸಾಕಾಣಿಕೆ ಹಾಗೂ ರೇಷ್ಮೆ ಉದ್ಯಮ.

7. ಕೋಲಾರ ಜಿಲ್ಲೆಯ ನಗರಾಧಿಧೇವತೆ

- A. ಚಾಮುಂಡೇಶ್ವರಿ
- B. ಸಪ್ತ ಮಾತೃಕೆಯರು
- C. ಸರಸ್ವತಿ
- D. ಗಣಪತಿ

8. ಕೋಲಾರ ಜಿಲ್ಲೆಯ ದೇಗುಲದಲ್ಲಿ ತಮಿಳಿನ ಶಾಸನಗಳು ಕಂಡು ಬರುತ್ತವೆ.

- A. ಅಂತರಗಂಗೆ
- B. ಸೋಮೇಶ್ವರ
- C. ಕೋಲಾರಮ್ಮ
- D. ವಸಂತ ಮಂಟಪ

9. ವಿಜ್ಞಾನಕ್ಕೆ ವಿಸ್ಮಯವಾಗಿ ಬಸವಣ್ಣನ ಬಾಯಿಯಿಂದ ಸದಾ ಹೊರ ಹೊಮ್ಮುವ ಜಲಧಾರ

- A. ಕೋಲಾರ ಗೋಲ್ಡ್ ಫೀಲ್ಡ್
- B. ಅಂತರಗಂಗೆ
- C. ಚಿನ್ನದಧಾರೆ
- D. ಶೃಂಗದ ಬೆಟ್ಟಗುಡ್ಡ

10. ಕೋಲಾರದ ಚಿನ್ನದ ಗಣಿಯನ್ನು ಮುಚ್ಚಲು ಕಾರಣ

ಹೇಳಿಕೆ-1 ಸೂಕ್ತ ವಿದ್ಯುತ್ ಸರಬರಾಜು ಇಲ್ಲದ ಕಾರಣ

ಹೇಳಿಕೆ-2 ಕಡಿಮೆ ಮಟ್ಟದಲ್ಲಿ ಚಿನ್ನದ ಉತ್ಪಾದನೆಯಾಗುತ್ತಿದ್ದುದರಿಂದ.

ಹೇಳಿಕೆ-3 ನೌಕರರ ಕುಟುಂಬಗಳು ಅಲ್ಲೇ ಬೀಡುಬಿಟ್ಟಿದ್ದರಿಂದ

- A. ಮೂರು ಹೇಳಿಕೆಗಳು ಸರಿಯಾಗಿದೆ.
- B. 1 ಮತ್ತು 3 ನೆಯ ಹೇಳಿಕೆಗಳು ಮಾತ್ರ ಸರಿಯಾಗಿವೆ.

ಮಿ ಹೇಳಿಕೆಗಳು ತಪ್ಪು  
ನೆಯ ಹೇಳಿಕೆ ಮಾತ್ರ ಸರಿಯು  
|| ಈ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಯಾವ ಹೇಳಿಕೆಯು ಪ್ರಶ್ನೆಗಳಿಗೆ ಸರಿಯು ||

ರೂಪ ಹೇಳಿಕೆಗಳು ತಪ್ಪಾಗಿವೆ.

ನಿಯಂತ್ರಣ ಹೇಳಿಕೆ ಮಾತ್ರ ಸರಿಯಾಗಿದೆ.

III. ಈ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ 'ಯುದ್ಧ' ಪಠ್ಯದಲ್ಲಿನ ಪರಿಚಿತ ಗದ್ಯವನ್ನು ಓದಿಕೊಂಡು ಅದರ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ಸರಿಯಾದ ಉತ್ತರವನ್ನು ಆರಿಸಿ ಬರೆಯಿರಿ.

ಧಾರಾಕಾರವಾಗಿ ಸುರಿಯುತ್ತಿರುವ ಈ ಮಳೆಯಿಂದ ಮೊದಲು ರಕ್ಷಣೆ ಪಡೆಯಬೇಕು. ಮುರಿದುಹೋದ ಕಾಲಿನ ಆರೈಕೆಯಾಗಬೇಕು. ಆತನು ಕತ್ತಲಲ್ಲಿದ್ದ ತೆವಳ ತೊಡಗಿದನು ಒಂದಷ್ಟು ದೂರ ಚೆಲಿಸಿದ್ದನೋ ಇಲ್ಲವೋ ಮಹಿಳೆಯೊಬ್ಬಳ ಅರ್ತನಾದ ಆ ಮಳೆಯ ಶಬ್ದವನ್ನೂ ಭೇದಿಸಿ ಆತನ ಕಿವಿಯೊಳಗೆ ನುಗ್ಗಿತು. ಆತನು ಬೆಚ್ಚಿಬಿಟ್ಟನು. ಆ ಮಹಿಳೆಯಾವ ರೀತಿಯ ಅಪಾಯದಲ್ಲಿ ಸಿಲುಕಿದ್ದಾಳೆ? ಆ ಮನೆಯೊಳಗೆ ಏನು ಸಂಭವಿಸುತ್ತದೆ? ತಾನೇನು ಮನೆಯ ಕದವನ್ನು ತಟ್ಟಿದರೆ ಪರಿಣಾಮವೇನಾಗಬಹುದು? ಆ ಮನೆಯಿಂದ ಒಂದೇ ಒಂದು ಬೆಳಕಿನ ಕಿರಣವೂ ಹೊರಗಡೆ ಹಾಯುತ್ತಿರಲಿಲ್ಲ. ಗಡಿ ಪ್ರದೇಶದಲ್ಲಿ ವಿಮಾನ ದಾಳಿಯಿಂದ ರಕ್ಷಿಸಿಕೊಳ್ಳಲು 'ಬ್ಲಾಕ್ ಔಟ್' ನಿಯಮ ಪಾಲಿಸಲಾಗುತ್ತಿದೆ. ಇಂತಹ ಈ ಸಮಯದಲ್ಲಿ ಆ ಮನೆಯೊಳಗೆ ಯಾವ ರೀತಿಯ ಕ್ರಿಯೆ ನಡೆಯುತ್ತಿದೆ?

"ಯಾ... ಅಲ್ಲಾ..." ಮಹಿಳೆಯ ಅರ್ತನಾದ ಇನ್ನಷ್ಟು ಸ್ಪಷ್ಟವಾಗಿ ಕೇಳಿಸಿತು.

ಈಗ ಮಾತ್ರ ರಾಹಿಲನ ಮುಖದಲ್ಲಿ ಭಯದ ನೆರಳು ಮರೆಯಾಗಿ ಕೊಂಚ ನೆಮ್ಮದಿ ಕಾಣಿಸಿಕೊಂಡಿತು. ಆತನು ಬೇಗ ಬೇಗನೇ ಆ ಮನೆಯತ್ತ ತೆವಳತೊಡಗಿದನು. ತುರ್ತು ಚಿಕ್ಕಿತ್ತ ಪಟ್ಟಿಗೆ ಆತನ ಕೈಯಿಂದ ಯಾವಾಗಲೋ ಪಾರಿ ಬಿದ್ದಿತ್ತು. ಮತ್ತೊಮ್ಮೆ ಮಿಂಚು ಮಿಂಚಿದಾಗ ತಾನು ಆ ಮನೆಯ ತೀರ ಸಮೀಪಕ್ಕೆ ಬಂದಿರುವುದು ಆತನಿಗೆರಿವಾಯಿತು.

ಒಳಗಿನಿಂದ ಮತ್ತೊಮ್ಮೆ ಸುಸ್ಪಷ್ಟವಾದ ನರಳಾಟದ ಬೆನ್ನಲ್ಲೆ ಹಿರಿಯ ಹೆಂಗಸೊಬ್ಬಳ ಸಾಂತ್ವನವು ಕೇಳಿ ಬಂತು. "ಏನು ಮಾಡಲಿ ಮಗಳೇ? ಈ ಮಳೆಯಲ್ಲಿ ಈ ಕತ್ತಲಲ್ಲಿ ನಾನು ಯಾರನ್ನು ಕರೆಯಲಿ? ಒಮ್ಮೆ ಬೆಳಗಾದರೆ ಸಾಕಾಗಿತ್ತು"

ರಾಹಿಲ್ ತೆವಳುತ್ತಾ ಹೇಗೋ ಮೆಟ್ಟಿಲು ಹತ್ತಿ ಬಾಗಿಲು ಬಡಿದನು.

"ಅಮ್ಮ ಬಾಗಿಲು ತೆರೆಯಿರಿ..."

"ಹಾಂ... ಯಾರಪ್ಪಾ ಅದೂ? ಈ ಮಳೆಯಲ್ಲಿ ಈ ಕತ್ತಲ ಗುಹೆಯಲ್ಲಿ... ಯಾರೂ?" ಎಂದು ಒಳಗೆ ನಿಂದ ಹೆಂಗಸೊಬ್ಬಳು ಜೋರಾಗಿಯೇ ಕೇಳಿದಳು.

"ದಯವಿಟ್ಟು ಬಾಗಿಲು ತೆರೆಯಿರಿ. ನಾನು ಗಾಯಗೊಂಡಿದ್ದೇನೆ. ಪ್ಲೀಸ್..." ದಮನೀಯವಾಗಿ ಅಂಗಲಾಚಿದನು ರಾಹಿಲ್.

"ಗಾಯ? ಎಲ್ಲರಿಗೂ ದೇಹಕ್ಕೂ ಮನಸ್ಸಿಗೂ ಗಾಯ ಮಾಡುವುದೇ ಯುದ್ಧದ ಪರಿ ತಾನೇ?" ಮುದುಕಿಯೊಬ್ಬಳು ಗೊಣಗಿಕೊಳ್ಳುತ್ತಾ ಬಾಗಿಲು ತೆರೆದಳು.

ರಾಹಿಲನು ತೆವಳುತ್ತಲೇ ಆತುರದಿಂದ ಮನೆಯೊಳಗೆ ನುಗ್ಗಿ ಬಾಗಿಲಿಕ್ಕಿಕೊಂಡು ಮನೆಯಾಕೆಯನ್ನು ದಿಟ್ಟಿಸಿದನು. ತಲೆಗೂದಲು ಬೆಳ್ಳಗಾದ ಮುದುಕಿ. ಕೈಯಲ್ಲಿ ಒಂದು ಚಿಕ್ಕ ದೀಪ. ದೀಪದ ಬೆಳಕು ಹೊರಬೀಳದಂತೆ ಒಂದು ಭಾಗಕ್ಕೆ ಕಾಗದವನ್ನು ಅಂಟಿಸಲಾಗಿತ್ತು.

ಮುಖವೆಲ್ಲ ಸುಕ್ಕುಗಟ್ಟಿದ ಮುದುಕಿ ದೀಪವನ್ನು ರಾಹಿಲನ ಸಮೀಪ ತಂದು ಆತನ ಮುಖವನ್ನು ಪರೀಕ್ಷಿಸುವಂತೆ ದಿಟ್ಟಿಸಿದಳು. "ಯಾರಪ್ಪ ನೀನು? ನಮ್ಮ ಕಡೆಯವರು ತಾನೇ?" ಭಯ ಮತ್ತು ಸಂದೇಹದ ಚಾಯೆಯಿತ್ತು ಮುದುಕಿಯ ಮಾತುಗಳಲ್ಲಿ. ಆತನು ಮುದುಕಿಯ ಕೈಯ ದೀಪದಡೆಗೆ ದೃಷ್ಟಿ ಹೊರಳಿಸಿ, "ನಾನು ಯುದ್ಧ ಮಾಡುವ ಮೂರ್ಖರ ಕಡೆಯವನಲ್ಲ. ಸಂಕಷ್ಟಕ್ಕೀಡಾದ ಮನುಷ್ಯರ ಕಡೆಯವನು." ಎಂದು ಗಂಭೀರವಾಗಿ ನೋಡಿದನು.

"ಯಾ ಅಲ್ಲಾ... ಉಮ್ಮಾ... ನನ್ನನ್ನು ರಕ್ಷಿಸಿ, ನಾನಿನ್ನು ತಾಳಲಾರೆ..." ಒಳಗಿನಿಂದ ಮತ್ತೊಮ್ಮೆ ಕೇಳಿತು ಅರ್ತನಾದ.

"ಯಾರಮ್ಮಾ ಅದು? ಏನಾಗಿದೆ?" ತನ್ನ ನೋವನ್ನು ಮರೆತು ಕೇಳಿದನು ರಾಹಿಲ್.

"ಏನು ಹೇಳಲಪ್ಪ?" ನನ್ನ ಸೊಸೆ ಹೆರಿಗೆ ಬೇನೆ ತಿನ್ನುತ್ತಿದ್ದಾಳೆ. ಸಂಜೆಯಿಂದಲೇ ನೋವು ಪ್ರಾರಂಭವಾಗಿದೆ. ಡಾಕ್ಟರನ್ನು ಅಥವಾ ಸೂಲಿಗಿತ್ತಿಯನ್ನಾದರೂ ಕರೆಯೋಣವೆಂದರೆ ಈ ಬಾಂಬುಗಳು, ಬ್ಲಾಕ್ ಔಟ್, ಯಾರಿಗೆ ಬೇಕಾಗಿದೆ ಈ ಯುದ್ಧ? ನನ್ನ ಹುಡುಗಿಗೊಮ್ಮೆ ಹೆರಿಗೆಯಾದರೆ ಸಾಕಾಗಿತ್ತು"

ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಒಂದು ವಾಕ್ಯದಲ್ಲಿ ಉತ್ತರಿಸಿ

11. ಯುದ್ಧದ ಬಗೆಗೆ ಮುದುಕಿಯು ಏನೆಂದು ಗೊಣಗಿಕೊಂಡು ಬಾಗಿಲು ತೆರೆದಳು?
12. ಗಡಿ ಪ್ರದೇಶಗಳಲ್ಲಿ 'ಬ್ಯಾಕ್ ಔಟ್' ನಿಯಮವನ್ನು ಏತಕ್ಕಾಗಿ ಪಾಲಿಸಲಾಗುತ್ತದೆ?
13. ರಾಹುಲ್ ಅನು ಮುದುಕಿಯ ಎದುರಿಗೆ ನುಡಿದ ಗಂಭೀರವಾದ ಮಾತು ಯಾವುದು?
14. ಹಿರಿಯ ಹೆಂಗಸೊಬ್ಬಳ ಸಾಂತ್ವಾನದ ಮಾತು ಯಾವುದು?
15. ಮುದುಕಿಯ ಸೊಸೆಗೆ ಏನಾಗಿತ್ತು?

IV. ಈ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಜಿ. ಎಸ್. ಶಿವರುದ್ರಪ್ಪ ಅವರ 'ಸಂಕಲ್ಪ ಗೀತೆ' ಪಠ್ಯದಲ್ಲಿನ ಪರಿಚಿತ ಪದ್ಯವನ್ನು ಓದಿಕೊಂಡು ಅದರ ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ ಸರಿಯಾದ ಉತ್ತರವನ್ನು ಆರಿಸಿ ಬರೆಯಿರಿ.

ಸುತ್ತಲು ಕವಿಯುವ ಕತ್ತಲೊಳಗೆ

ಪ್ರೀತಿಯ ಹಣತೆಯ ಹಚ್ಚೋಣ.

ಬಿರುಗಾಳಿಗೆ ಹೊಯ್ಯಾಡುವ ಹಡಗನು

ಎಚ್ಚರದಲ್ಲಿ ಮುನ್ನಡೆಸೋಣ.

ಕಲುಷಿತವಾದೀ ನದೀಜಲಗಳಿಗೆ

ಮುಂಗಾರಿನ ಮಳೆಯಾಗೋಣ.

ಬರಡಾಗಿರುವೀ ಕಾಡು ಮೇಡುಗಳ

ವಸಂತವಾಗುತ್ತ ಮುಟ್ಟೋಣ.

ಬಿದ್ದುದನ್ನು ಮೇಲೆಬ್ಬಿಸಿ ನಿಲ್ಲಿಸಿ

ಹೊಸ ಭರವಸೆಗಳ ಕಟ್ಟೋಣ.

ಮನುಜರ ನಡುವಣ ಅಡ್ಡಗೋಡೆಗಳ

ಕೆಡುವುತ ಸೇತುವೆಯಾಗೋಣ.

ಮತಗಳೆಲ್ಲವೂ ಪಥಗಳು ಎನ್ನುವ

ಹೊಸ ಎಚ್ಚರದೊಳು ಬದುಕೋಣ

ಭಯ-ಸಂಶಯದೊಳು ಕಂದಿದ ಕಣ್ಣೊಳು

ನಾಳಿನ ಕನಸನು ಬಿತ್ತೋಣ.

ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಒಂದು ವಾಕ್ಯದಲ್ಲಿ ಉತ್ತರಿಸಿ.

5

16. ಕವಿ ಶಿವರುದ್ರಪ್ಪನವರ ಪ್ರಕಾರ ಹಡುಗು ಯಾವುದರಿಂದ ಹೊಯ್ಯಾಡುತ್ತಿದೆ?
17. ನಮ್ಮ ಸುತ್ತಲೂ ಆವರಿಸಿರುವ ಕತ್ತಲೆಯನ್ನು ಹೋಗಲಾಡಿಸಲು ಯಾವ ದೀಪವನ್ನು ಹಚ್ಚಬೇಕು?
18. "ಸುತ್ತಲೂ ಕವಿಯುವ ಕತ್ತಲೆಯೊಳಗೆ ಪ್ರೀತಿಯ ಹಣತೆಯ ಹಚ್ಚೋಣ" ಇಲ್ಲಿ 'ಕತ್ತಲೆ' ಎಂದರೆ :
19. ಕವಿಯ ಅಭಿಪ್ರಾಯದಲ್ಲಿ ಇಂದು ನದೀಜಲಗಳು ಏನಾಗಿವೆ?
20. ಯಾವ ಎಚ್ಚರದಲ್ಲಿ ಬದುಕಬೇಕಾಗಿದೆ?

ವಿಭಾಗ - ಬಿ

(ಅನ್ವಯಿಕ ವ್ಯಾಕರಣ ಮತ್ತು ಪಠ್ಯ ಪೂರಕ ಅಧ್ಯಯನ) = 20

ಕೃತವ ಅಯ್ಯಗಳಿಂದ ಸರಿಯಾದ ಉತ್ತರ ಆರಿಸಿ ಬರೆಯಿರಿ.

- A. ಗಿರಿವನದುರ್ಗಗಳು 1. ಕ್ರಿಯಾಸಮಾಸ  
B. ಸಪ್ತಸ್ವರಗಳು 2. ದ್ವಂದ್ವ ಸಮಾಸ  
C. ಹೊಸಗನ್ನಡ 3. ದ್ವಿಗು ಸಮಾಸ  
D. ಮನಗಾಣು 4. ಕರ್ಮಧಾರೆಯ ಸಮಾಸ

- ಎ) ಎ-1 ಬಿ-2 ಸಿ-3 ಡಿ-4 ಬಿ) ಎ-3 ಬಿ-2 ಸಿ-1 ಡಿ-4  
ಸಿ) ಎ-2 ಬಿ-3 ಸಿ-4 ಡಿ-1 ಡಿ) ಎ-3 ಬಿ-3 ಸಿ-4 ಡಿ-2

22. ಕರ್ನಾಟಕವನ್ನು ಐದು ಕೈಗಾರಿಕಾ ವಲಯಗಳಾಗಿ ವಿಂಗಡಿಸಲಾಗಿದೆ - ಈ ವಾಕ್ಯದಲ್ಲಿ ಗೆರೆ ಎಳೆದ ಪದ.

- ಎ) ವಸ್ತುವಾಚಕ ಬಿ) ಸಂಖ್ಯೆಯವಾಚಕ ಸಿ) ಗುಣವಾಚಕ ಡಿ) ಸಂಖ್ಯಾವಾಚಕ

23. ವಿಧ್ಯರ್ಥಕ ಕ್ರಿಯಾಪದದ ಅಖ್ಯಾತ ಪ್ರತ್ಯಯ.

- ಎ) ಅನು ಬಿ) ಆನು ಸಿ) ಅಲಿ ಡಿ) ಯಾವುದುಅಲ್ಲ

24. ತಾನು , ತನ್ನ : ಆತ್ಮಾರ್ಥಕ ಸರ್ವನಾಮ :: ನಾನು , ನಾವು : \_\_\_\_\_

- ಎ) ಮಾಧ್ಯಮ ಪುರುಷ ಸರ್ವನಾಮ ಬಿ) ಪ್ರಥಮ ಪುರುಷ ಸರ್ವನಾಮ  
ಸಿ) ಪ್ರಶ್ನಾರ್ಥಕ ಸರ್ವನಾಮ ಡಿ) ಉತ್ತಮ ಪುರುಷ ಸರ್ವನಾಮ

25. ಹೊಗೆದೋರು , ಹತ್ತಿಪತ್ತು , ದ್ವೇಷಾಸೂಯೆ , ಮೈಯಲ್ಲಿ - ಪದಗಳ ಸಂಧಿಯನ್ನು ಕ್ರಮವಾಗಿ ಜೋಡಿಸಿ.

- ಎ) ಸವರ್ಣದೀರ್ಘಸಂಧಿ, ಗುಣಸಂಧಿ, ಆದೇಶಸಂಧಿ, ಲೋಪಸಂಧಿ  
ಬಿ) ಆದೇಶಸಂಧಿ, ಯಣ್ ಸಂಧಿ, ಆಗಮಸಂಧಿ, ಸವರ್ಣದೀರ್ಘಸಂಧಿ, ಆಗಮಸಂಧಿ  
ಸಿ) ಆದೇಶಸಂಧಿ, ಸವರ್ಣದೀರ್ಘಸಂಧಿ, ಆಗಮಸಂಧಿ, ಲೋಪಸಂಧಿ  
ಡಿ) ಲೋಪಸಂಧಿ, ಸವರ್ಣದೀರ್ಘಸಂಧಿ, ಗುಣಸಂಧಿ, ಆದೇಶಸಂಧಿ

26. ಧನ - ದನ ಈ ಪದಗಳ ಅರ್ಥ ವ್ಯತ್ಯಾಸ ಕ್ರಮವಾಗಿ.

- ಎ) ಸಂಪತ್ತು ಆಪತ್ತು  
ಬಿ) ಜಾನುವಾರು ಸಂಪತ್ತು  
ಸಿ) ಸಂಪತ್ತು ಸಸಿ  
ಡಿ) ಸಂಪತ್ತು ಜಾನುವಾರು

27. ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ತತ್ಸಮ - ತದ್ಭವ ಪದಗಳನ್ನು ಹೊಂದಿಸಿ ಬರೆಯಿರಿ.

- ಪಾದುಕಾ ಬೇಸಿಗೆ

ಅರ್ಕ ಜೂಜು  
 ದ್ವೈತ ಅಕ್ಕ  
 ಪ್ರಶಾಖ ಎಕ್ಕ  
 ಕಾವುಗೆ

ಎ) ಎ-5 ಬಿ-4 ಸಿ-2 ಡಿ-2      ಬಿ) ಎ-3 ಬಿ-2 ಸಿ-4 ಡಿ-5  
 ಸಿ) ಎ-2 ಬಿ-4 ಸಿ-5 ಡಿ-3      ಡಿ) ಎ-5 ಬಿ-4 ಸಿ-2 ಡಿ-1

28. ಈ ಕೆಳಕಂಡ ಪದಗಳಲ್ಲಿ ಗುಂಪಿಗೆ ಸೇರದ ಪದವಿದು.

ಎ) ಸರಸರ      ಬಿ) ಕರಕರ      ಸಿ) ಪಟಪಟ      ಡಿ) ಬಟ್ಟಬಯಲು

29. 'ಕಸವರಂ' ದ್ವಿತೀಯ ವಿಭಕ್ತಿಯಾದರೆ 'ವಾಜಿಯೋಳ' ಎಂಬುದು.

ಎ) ಪ್ರಥಮ      ಬಿ) ತೃತೀಯ  
 ಸಿ) ಸಪ್ತಮಿ      ಡಿ) ಪಂಚಮಿ

30. 'ಸಕ್ಕಾರಿ' ಪದದ ಗ್ರಾಂಥಿಕ ರೂಪವಿದು.

ಎ) ಸರ್ಕಾರ      ಬಿ) ಸಕ್ಕರೆ  
 ಸಿ) ಶರ್ಕರ      ಡಿ) ಕರ್ಕಶ

VI. ಈ ಕೆಳಗಿನ ಪ್ರಶ್ನೆಗಳಿಗೆ ಸೂಚನೆಯಂತೆ ಉತ್ತರಿಸಿ.

31. ಕಾಲಿಗೆಬುದ್ಧಿಹೇಳು - ಈ ಪದವನ್ನು ನಿಮ್ಮ ಸ್ವಂತವಾಕ್ಯದಲ್ಲಿ ಬಳಸಿ ಬರೆಯಿರಿ. 1

32. 'ಯುದ್ಧದ ಹೆಸರಿನಲ್ಲಿ ಮನುಷ್ಯ ಜೀವಿಗಳ ಸಾಮೂಹಿಕ ಕೊಲೆಯಾಗುತ್ತಿದೆ'. - ಈ ವಾಕ್ಯವನ್ನು ಭವಿಷ್ಯತ್ ಕಾಲದಲ್ಲಿ ಬರೆಯಿರಿ.

34. ಈ ಗಾದೆ ಮಾತಿನ ಅರ್ಥ ಬರೆಯಿರಿ. 1

" ಎಣ್ಣೆ ಬಂದಾಗ ಕಣ್ಣು ಮುಚ್ಚಿಕೊಂಡರಂತೆ"

ಅಥವಾ

" ಅಗ್ಗದ ಆಸೆಗೆ ಮುಗ್ಗಿದ ಜೋಳ ಕೊಂಡಂತೆ"

34. ಅವರಿಂದ ಶಿಕ್ಷಣದ ವಿವಿಧ ಯೋಜನೆಗಳು ರೂಪಿಸಲ್ಪಟ್ಟವು. - ಈ ವಾಕ್ಯವನ್ನು ಕರ್ತರಿ ರೂಪಕ್ಕೆ ಪರಿವರ್ತಿಸಿ ಬರೆಯಿರಿ. 1

35. 'ಧನ್ಯ ನಾನು ಸಿದ್ಧರ ವರವಿಂದು ನನಗೆ ಪಾಲಿಸಿದೆ'. - ಈ ವಾಕ್ಯವನ್ನು ಸಂಭಾವನಾರ್ಥಕ ರೂಪದಲ್ಲಿ ಬರೆಯಿರಿ.

VII. ಈ ಕೆಳಗಿನ ಪ್ರತಿಯೊಂದು ಪ್ರಶ್ನೆಗಳಿಗೆ ನಾಲ್ಕು ಉತ್ತರಗಳನ್ನು ಕೊಡಲಾಗಿದೆ. ಅವುಗಳಲ್ಲಿ ಸರಿಯಾದ ಉತ್ತರವನ್ನು ಆರಿಸಿ ಬರೆಯಿರಿ.

36. ಮಾತೃಭೂಮಿಯನ್ನು ಗುಲಾಮಗಿರಿಯ ಸಂಕೋಲೆಯಿಂದ ಬಿಡಿಸಲು ಹೋರಾಡಿದವರು ಇವರು. 1

ಎ)ಕಂಪು ಬಿತ್ತೂಗಟ್ಟಿ ಸಿಬ್ಬೇರು ದಿಸಿಹಿ

38.ಹಾಲು ಗಲ್ಲದ ಹಸುಳೆ ಏನು ಮಾಡುತ್ತಿದ್ದಾಳೆ?

ಎ)ಜಳಕೆ ಮಾಡುತ್ತಿದ್ದಾಳೆ ಬಿಮುಸುರೆ ತಿಕ್ಕುತ್ತಿದ್ದಾಳೆ  
 ಸಿ)ಊಟ ಮಾಡುತ್ತಿದ್ದಾಳೆ ದಿ)ಓದುತ್ತಿದ್ದಾಳೆ

39. "ಆನ್ ಟು ದಿಸ್ ಲಾಸ್ತ್" ಎಂಬ ಪುಸ್ತಕ ಈ ಕೆಳಗಿನ ಯಾವ ಭಾಷೆಗೆ ಅನುವಾದ ವಾಗಿದೆ.

ಎ)ಬಂಗಾಳಿ ಬಿ)ಮರಾಠಿ ಸಿ)ಗುಜರಾತಿ ದಿ)ಒಡಿಸಾ

40.ಗೋಡೆಗಳು ಏನನ್ನು ಕಂಡಿಲ್ಲ?

ಎ)ನೀರು ಬಿ)ಬಣ್ಣ ಸಿ)ಸುಣ್ಣ ದಿ)ಸಿಮೆಂಟ್

**ಭಾಗ -2(40ಅಂಕಗಳು)**

**ಬರವಣಿಗೆ ಕೌಶಲ್ಯ=12 ಅಂಕಗಳು**

41.ದಿನಾಂಕ 09-12-2025 ರ ಕನ್ನಡ ಪ್ರಜಾವಾಣಿ ದಿನಪತ್ರಿಕೆಯಲ್ಲಿ ಪ್ರಕಟವಾದ ಜಾಹಿರಾತಿನ ಮೇರೆಗೆ ಕಂದಾಯ ಇಲಾಖೆಯಲ್ಲಿ ಖಾಲಿ ಇರುವ 'ಕಂದಾಯ ನಿರೀಕ್ಷಕರ'ಹುದ್ದೆಗೆ ನಿಮ್ಮ ಸ್ವ-ವಿವರಗಳೊಂದಿಗೆ ಅರ್ಜಿ ಸಲ್ಲಿಸಿ. 4

**ಅಥವಾ**

ನಿಮ್ಮ ಬಡಾವಣೆಗೆ ಅಗತ್ಯವಾದ ಗ್ರಂಥಾಲಯವನ್ನು ಸ್ಥಾಪಿಸಲು ಕೋರಿ ಮುಖ್ಯ ಗ್ರಂಥ ಪಾಲಕರು,ಮುಖ್ಯ ಗ್ರಂಥಾಲಯ,ಬೆಂಗಳೂರು ಇವರಿಗೆ ಒಂದು ಪತ್ರಬರೆಯಿರಿ.

42. ನಿಮ್ಮ ಶಾಲೆಯಲ್ಲಿ ಆಚರಿಸಿದ ಕನ್ನಡ ರಾಜ್ಯೋತ್ಸವವನ್ನು ಕುರಿತು ವರದಿ ತಯಾರಿಸಿ.

43.ಕೆಳಗೆ ಕೊಟ್ಟಿರುವ ವಿಷಯಗಳಲ್ಲಿ ಯಾವುದಾದರೂ ಒಂದು ವಿಷಯವನ್ನು ಕುರಿತು ಪ್ರಬಂಧ ಬರೆಯಿರಿ. 4

- 1.ಗ್ರಂಥಾಲಯಗಳ ಮಹತ್ವ
- 2.ಮಹಿಳಾ ಸಬಲೀಕರಣ
- 3.ತ್ಯಾಜ್ಯ ವಸ್ತು ವಿಲೇವಾರಿ

**ವಿಭಾಗ-ಡಿ**

(ಪಠ್ಯಗಳ ಅಧ್ಯಯನ )

VIII.ಕೊಟ್ಟಿರುವ ಪ್ರಶ್ನೆಗಳಿಗೆ 2-3 ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ

43. ಹುಲಿಯು ಹಿಂದಿನಿಂದ ಹರಿ ಕೊಲ್ಲದಿರಲು ಕಾರಣಗಳೇನು? 2

44. ದಂಡು ಹಲಗಲಿಯ ಮೇಲೆ ಹೇಗೆ ದಾಳಿ ನಡೆಸಿತು? 2

45. ಅಮಾಯಕ ಭಾರತೀಯರ ಮೇಲೆ ಗುಂಡಿನ ಮಳೆಗರೆದ ಅಧಿಕಾರಿಯ ಹೆಸರೇನು?ಜಲಿಯನ್ ವಾಲಾ ಭಾಗ್ ನಲ್ಲಿ ಶಾಂತಿಯುತ ಸಭೆ ಯಾವಾಗ ನಡೆಯಿತು?

46. ಯಾರಿಗೆ ವಸಂತ ಮುಖ ತೋರಲಿಲ್ಲ?

2

IX. ಈ ಕೆಳಕಂಡ ಪ್ರಶ್ನೆಗಳಿಗೆ 5-6 ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ

47. ಶಬರಿಯ ಚಿಂತೆ ಹಿಂಗಿಹೋದ ಸಂದರ್ಭದ ಸ್ವಾರಸ್ಯವನ್ನು ವಿವರಿಸಿ.

3

47. ಕವಿಯಾತ್ಮವು ಹಸುರು ಗಟ್ಟಲು ಕಾರಣವಾದ ಹಿನ್ನೆಲೆಯ ಅಂಶಗಳೇನು?

3

X. ಈ ಕೆಳಗಿನ ಸಂದರ್ಭಗಳನ್ನು ಸ್ವಾರಸ್ಯದೊಡನೆ ವಿವರಿಸಿ.

48. "ರೂಪಿನಂತೆ ಮಾತು ಕೂಡ ಎನಿತುದಾರವಾಗಿದೆ"

3

ಅಥವಾ

"ತಾವು ಕಡಿಮೆ ಮಾತನಾಡಿದ್ದೀರಿ; ಹೆಚ್ಚು ಕೆಲಸ ಮಾಡಿದ್ದೀರಿ"

49. "ರವಿಸುತನ ಕಿವಿಯಲಿ ಬಿತ್ತಿದನು ಭಯವ"

3

ಅಥವಾ

"ಅರಸುಗಳ ವಾಜಿಯಂ ಬಿಡು"

XI. ಈ ಕೆಳಗಿನ ವಾಕ್ಯಗಳಿಗೆ ಎಂಟು ಹತ್ತು ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ.

50. ಶಾನುಬೋಗರನ್ನು ರಕ್ಷಿಸಿದ್ದು ಖರೀದಿ ಪುಸ್ತಕವೇ? ಹುಲಿಯ ಧರ್ಮವೇ? ಸಮರ್ಥನೆಯೊಂದಿಗೆ ವಿವರಿಸಿ.

4

ಅಥವಾ

ಕವಿ ಸಿದ್ಧಲಿಂಗಯ್ಯ ಹೇಳಿದ ಕತೆಯನ್ನು ಬರೆಯಿರಿ.

XII. ಈ ಕೆಳಗಿನ ವಾಕ್ಯಗಳಿಗೆ ಎಂಟು ಹತ್ತು ವಾಕ್ಯಗಳಲ್ಲಿ ಉತ್ತರಿಸಿ.

51. ಹಲಗಲಿ ದಂಗೆಯ ಪರಿಣಾಮಗಳೇನು?

4

ಅಥವಾ

ಕರ್ಣನಿಗೆ ಶ್ರೀಕೃಷ್ಣನು ಒಡ್ಡಿದ ಆಮಿಷಗಳೇನು?



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION (BSSCA) PRE-  
BOARD EXAMINATION (2025-2026)

Grade X

Date: 15.12.2025

SET - 1

Max. Marks: 80

Subject: MATHEMATICS (Code- 041)

Time: 3 hours

**General Instructions:**

**Read the following instructions carefully and follow them:**

1. This question paper contains 38 questions. All Questions are compulsory.
2. This Question Paper is divided into 5 Sections A, B, C, D and E.
3. In Section A, Question numbers 1-18 are multiple choice questions (MCQs) and questions no. 19 and 20 are Assertion- Reason based questions of 1 mark each.
4. In Section B, Question numbers 21-25 are very short answer (VSA) type questions, carrying 02 marks each.
5. In Section C, Question numbers 26-31 are short answer (SA) type questions, carrying 03 marks each.
6. In Section D, Question numbers 32-35 are long answer (LA) type questions, carrying 05 marks each.
7. In Section E, Question numbers 36-38 are case study-based questions carrying 4 marks each with sub parts of the values of 1, 1 and 2 marks each respectively.
8. There is no overall choice. However, an internal choice in 2 questions of Section B, 2 questions of Section C and 2 questions of Section D has been provided. An internal choice has been provided in all the 2 marks questions of Section E.
9. Draw neat and clean figures wherever required. Take  $\pi = 22/7$  wherever required if not stated.
10. Use of calculators is not allowed.

**(SECTION A)**

**Section A consists of 20 questions of 1 mark each.**

1. The ratio of HCF and LCM of the smallest composite no and the smallest prime number is 1  
(a) 1:2    (b) 2:1    (c) 1:1    (d) 3:1
2. If the point  $(x,4)$  lies on a circle whose centre is at the origin and of radius 5 units, then the value of  $x$  is 1  
(a)  $\pm 5$     (b)  $\pm 3$     (c) 0    (d)  $\pm 4$

3. If the system of equations  $3x + y = 1$  and  $(2k - 1)x + (k - 1)y = 2k + 1$  is inconsistent, then  $k =$
- (a) 1      (b) 0      (c) -1      (d) 2

4. If  $\tan A = 3 \cot A$ , then  $\angle A =$  \_\_\_\_\_

- (a) 150      (b) 300      (c) 450      (d) 600

5. If  $8 \tan X = 15$ , then  $\sin X - \cos X$  is

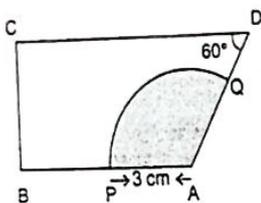
- (a)  $\frac{8}{17}$       (b)  $\frac{17}{7}$       (c)  $\frac{1}{17}$       (d)  $\frac{7}{17}$

6. Which of the following equations has 3 as one of its roots?

- (a)  $X^2 - 4X - 5 = 0$       (b)  $X^2 - 3X - 12 = 0$   
 (c)  $2X^2 - 7X + 3 = 0$       (d)  $3X^2 - 6X - 2 = 0$

7. In the figure, the area of the shaded region is

- (a)  $8 \pi \text{ cm}^2$       (b)  $9 \pi \text{ cm}^2$       (c)  $6 \pi \text{ cm}^2$       (d)  $3 \pi \text{ cm}^2$



8. 2 cards of diamonds and 4 cards of clubs are missing from a pack of 52 cards. A card is drawn at random from the remaining pack. What is the probability of getting a black card?

- (a)  $\frac{22}{52}$       (b)  $\frac{22}{46}$       (c)  $\frac{24}{52}$       (d)  $\frac{24}{46}$

9. If  $\tan^2 45^\circ - \cos^2 30^\circ = p \sin 45^\circ \cdot \cos 45^\circ$ , then the value of  $p$  is

- (a) 2      (b) -2      (c)  $-\frac{1}{2}$       (d)  $\frac{1}{2}$

10. If the HCF of 85 and 153 can be expressed as  $85n - 153$ , then the value of  $n$  is

- (a) 1      (b) 2      (c) 3      (d) 4

11. The radii of two cylinders are in the ratio 3:5. If their heights are in the ratio 2:3, then the ratio of their curved surface areas is

- (a) 2:5      (b) 5:2      (c) 2:3      (d) 3:5

12. If 'n' is a natural number, then which of the following numbers end with zero? 1

- (a)  $(8 \times 2)^n$       (b)  $(2 \times 5)^n$       (c)  $(4 \times 2)^n$       (d)  $(3 \times 3)^n$

13. The radius of a semicircular protractor whose perimeter is 108cm is 1

- (a) 7cm      (b) 14cm      (c) 21cm      (d) 28cm

14. A vertical stick 20m long casts a shadow 10m long on the ground. At the same time, a tower casts a shadow 50m long on the ground. Then the height of the tower is

- (a) 100m      (b) 120m      (c) 25m      (d) 200m

OR

In triangles ABC and DEF,  $AB/DE = BC/FD$ . Which of the following makes the triangles similar?

- (a)  $A^\wedge = D^\wedge$       (b)  $B^\wedge = D^\wedge$       (c)  $B^\wedge = E^\wedge$       (d)  $A^\wedge = F^\wedge$

15. The probability of guessing the correct answer to a certain question is  $x/12$ . If the probability of guessing the wrong answer is  $3/4$ , then the value of x is 1

- (a) 5      (b) 4      (c) 3      (d) 2

16. The roots of the equation  $(x-2)^2+4=0$  are \_\_\_\_\_ 1

- (a)  $\pm 1$       (b)  $\pm 2$       (c)  $\pm \sqrt{2}$       (d) No real roots.

OR

If A (6,1), B(8,2), C (9,4) and D (q,3) are the vertices of a parallelogram ABCD, the q=

- (a) 4      (b) 7      (c) 6      (d) 5

17. If the arithmetic mean of 7, 8, y, 11, 14 is y then the value of y is 1

- (a) 9      (b) 9.5      (c) 10      (d) 10.5

OR

The arithmetic mean and mode of a distribution are 24 and 12 respectively, then its median is

- (a) 25      (b) 18      (c) 20      (d) 22

18. The length of the tangent drawn from a point 8 cm away from the centre of a circle of radius 6 cm is  
 (a)  $\sqrt{7}$  cm (b)  $2\sqrt{7}$  cm (c) 10 cm (d) 5 cm

OR

If the angle between two radii of a circle is  $130^\circ$ , then the angle between the tangents at the ends of the radii is

- (a)  $90^\circ$  (b)  $50^\circ$  (c)  $70^\circ$  (d)  $40^\circ$

19. Assertion :  $5 \times 4 \times 3 \times 2 \times 1 + 3$  is a composite number. 1

Reason : Any prime number has exactly two factors, 1 and the number itself

20. Assertion : If  $\sin A + \sin^2 A = 1$ , then  $\cos^2 A + \cos^4 A = 1$ . 1

Reason :  $1 + \sin^2 A = \cos^2 A$

(SECTION B)

Section B consists of 5 questions of 2 marks each.

21. Which term of the arithmetic progression 65, 61, 57, 53 .... is the first negative term? 2

OR

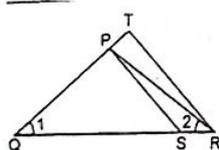
Find the 12<sup>th</sup> term from the last term of the AP -2, -4, -6, ..., -100 2

22. If  $\tan P = 1/\sqrt{3}$ , then find the value of  $(\operatorname{cosec}^2 P - \cot^2 P) / (\operatorname{cosec}^2 P + \cot^2 P)$  2

23. ABCD is a trapezium in which  $AB \parallel DC$ . Its diagonals intersect each other at the point O. Prove that  $\frac{AO}{BO} = \frac{CO}{DO}$  2

OR

In the figure given,  $\frac{QR}{QS} = \frac{QT}{PR}$  and  $\angle 1 = \angle 2$ . Show that  $\triangle PQS \sim \triangle TQR$  2



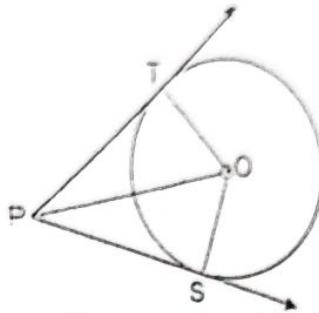
24. The minute hand of a clock is 10 cm long. Find the area of the face of the clock described by the minute hand between 10 am to 10.20 am 2

OR

The figure given shows a circle with centre O and area  $154 \text{ cm}^2$ . If a chord AB of length  $7\sqrt{2} \text{ cm}$  subtends an angle of  $90^\circ$  at the centre, then find the area of the shaded region



25. In the figure given, two tangents PT and PS are drawn to a circle with centre O, such that angle SPT =  $120^\circ$ . Prove that  $OP = 2 PS$



For Visually Impaired candidates:

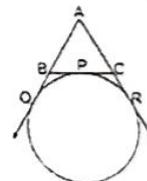
ABC is a right triangle with  $B^\wedge = 90^\circ$ . If  $AB = 8 \text{ cm}$  and  $BC = 6 \text{ cm}$ , then find the diameter of the circle inscribed in the triangle.

(SECTION C)

Section C consists of 6 questions of 3 marks each.

26. In the figure, a circle touches the side BC of  $\triangle ABC$  at a point P and touches AB and AC produced at Q and R respectively.

Show that  $AQ = \frac{1}{2} (\text{perimeter of } \triangle ABC)$



For Visually Impaired candidates:

Prove that the parallelogram circumscribing a circle is a rhombus

27. A tailor wants to create a special commemorative quilt out of patches donated by three local schools. Each school provided their fabric in strips of lengths; 30cm, 72 cm and 432 cm. The tailors cuts these in to smaller patches of lengths without wasting any fabric. If the patch size was the largest possible to use the contribution of the schools, find the length of the patch. 3

OR

Prove that  $7 + \sqrt{3}$  is irrational 3

28. If  $p$  and  $q$  are the zeros of the quadratic polynomial  $X^2 - 3X - 2$ , then find a quadratic polynomial whose zeroes are  $1/p$  and  $1/q$  3

29. A conical hole is drilled in a circular cylinder of height 12cm and base radius of 5 cm. The height and base radius of cone is also the same. Find the whole surface area and the volume of the remaining cylinder. 3

30. If  $1 + \sin^2 A = 3 \sin A \cdot \cos A$ , prove that,  $\tan A = 1$  or  $1/2$  3

OR

Prove that  $\frac{1}{\operatorname{cosec} A - \cot A} - \frac{1}{\sin A} = \frac{1}{\sin A} - \frac{1}{\operatorname{cosec} A + \cot A}$  3

31. A] If in a rectangle, the length is increased by 2 units and breadth is reduced by 2 units, the area reduces by 28 sq units. If the length is reduced by 1 unit and breadth is increased by 2 units, the area increases by 33 sq units. Find the dimensions of the rectangle. 3

OR

B] Solve the following system of equations graphically 3

$$3X + 2Y - 4 = 0 \text{ and } 2X - 3Y - 7 = 0$$

Also, the region between the two lines and the x-axis

**For Visually Impaired candidates:**

The sum of numerator and denominator of a fraction is 3 less than twice the denominator. If the numerator and the denominator are decreased by 1, then the fraction becomes  $1/2$ . Find the fraction 3

OR

If 1 is added to the numerator and 1 is subtracted from the denominator, a fraction becomes 1. It becomes  $1/2$ , if 1 is added only to the denominator. Find the fraction 3

(SECTION D)

Section D consists of 4 questions of 5 marks each

32. A train cover a distance of 300m at a uniform speed. If the speed of the train is increased by 5 km/ hour , it takes 2 hours less for the journey. Find the original speed of the train. 5

OR

Rs. 6500 were divided equally among a certain number of persons. Had there been 15 more people, each would have got Rs. 30 less. Find the original number of persons 5

33. Prove that ' if a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio'

Use the above Theorem for the following 5

In  $\triangle PQR$ ,  $ST \parallel QR$ . If  $PS = 6\text{cm}$ ,  $SQ = 5\text{cm}$ ,  $PT = 3\text{cm}$ , then find  $PR$

34. A] A metallic cylinder has a radius of the base as 3 cm and the height as 5 cm. To reduce its weight, a conical hole of radius  $\frac{3}{2}$  cm and depth  $\frac{8}{9}$  cm is drilled in the cylinder. Calculate the ratio of the volume of metal left in the cylinder to the volume of the metal taken out. 5

OR

B] From a cuboidal metallic block of dimensions  $15\text{cm} \times 10\text{cm} \times 5\text{cm}$  , a cylindrical hole of diameter 7cm and height 5cm is drilled out. Find the surface area and the volume of the remaining solid. 5

35. To bring awareness about the importance of regular exercise for physical fitness, a voluntary organization had organized a free medical check up camp. 35 residents of a locality took the benefit of it. Their weights were recorded as follows 5

Weight(kg)	Below 38	Below 40	Below 42	Below 44	Below 46	Below 48	Below 50	Below 52
No of persons	0	3	5	9	14	28	31	35

Find (a) The median weight of the group

(b) . The eighth term of an AP is half its second term and the eleventh term exceeds one-third of the fourth term by 1. Find the sum of its first 13 terms.

OR

The arithmetic mean of the following distribution is 53. Find the of missing frequency

k. Hence, find the mode 5

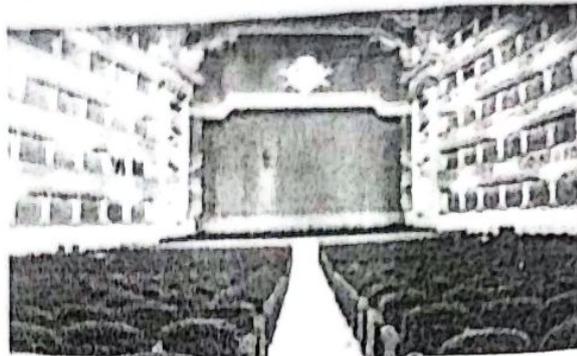
Class Intervals	0-20	20-40	40-60	60-80
Frequency	12	15	32	k

(D) If 2 sides are  $\triangle ACB$   
 38. There is

**(SECTION E)**

Section E consists of 3 case study-based questions of 4 marks each

36. The Fox theatre creates a 'theatre in the round' when it shows any Shakespeare's plays. The first row of seating has 80 seats, the second row has 88 seats, the third row has 96 and so on.



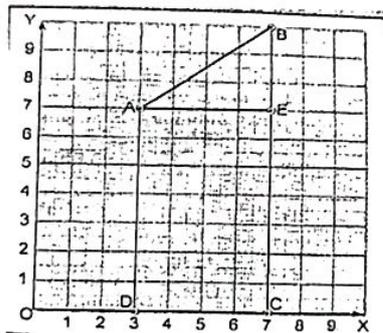
Based on the above information, answer the following questions:

- (i) How many seats are there in the 10<sup>th</sup> row? 1
- (j) How many seats are there in the 25<sup>th</sup> row? 1
- (k) If there are 25 rows in all, how many chairs are needed to setup the theatre? 2

**OR**

- (l) If there totally 800 seats in the hall, how many rows of seats are there in the theatre? 2

37. Sohan is a student of class 10. While preparing for the periodic test, he came across a diagram on a graph paper as shown. Being an enthusiastic student of Mathematics he started to solve a few questions



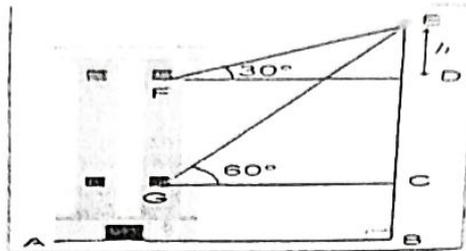
Observe the graph and help him solve the following questions

- (i) Find the distance between the points A and B 1
- (j) Find the coordinate of the point which divides the line segment AB in the ratio of 2:1. 1
- (k) If the mid point of the line segment joining the points A and C is (x,y), then find a relation between x and y 2

OR

(l) If 2 units are added to the ordinate of the point B, then find the area of the new  $\triangle ACB'$  2

38. There are two windows in a house. First window is at the height of 2m above the ground and the other window is at 4m vertically above the lower window. Ankit and Radha are sitting inside the two window at points G and F respectively. At an instant, the angles of elevation of a balloon at E from these windows are observed to be  $60^\circ$  and  $30^\circ$  respectively as shown here.



Based on the information, answer the following questions

- (i) Who is more closer to the balloon? Why? 1  
(j) What is the value of h? 1  
(k) (a) What is the height of the balloon from the ground? 2

OR

(b) If the balloon is moving towards the building, then what changes you observe in both the angles of elevation? 2



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION (BSSCA)  
PRE-BOARD EXAMINATION (2025-2026)  
Grade X

Date: 15.12.2025  
Subject: MATHEMATICS (Code- 041)

SET - 3

Max. Marks: 80  
Time: 3 hours

**General Instructions :**

Read the following instructions very carefully and strictly follow them :

1. This question paper contains 38 questions. All questions are compulsory.
2. This question paper is divided into FIVE Sections - Section A, B, C, D and E.
3. In Section - A, Question numbers 1 to 18 are multiple choice questions (MCQs) and question numbers 19 and 20 are Assertion-Reason based questions of 1 mark each.
4. In Section - B, Question numbers 21 to 25 are very short answer (VSA) type questions, carrying 2 marks each.
5. In Section - C, Question numbers 26 to 31 are short answer (SA) type questions, carrying 3 marks each.
6. In Section - D, Question numbers 32 to 35 are long answer (LA) type questions carrying 5 marks each.
7. In Section - E, Question numbers 36 to 38 are case study / passage based integrated units of assessment questions carrying 4 marks each. Internal choice is provided in 2 marks questions in each case - study.
8. There is no overall choice. However, an internal choice has been provided in 2 questions in Section - B, 2 questions in Section - C, 2 questions in Section - D and 3 questions in Section - E.
9. Draw neat figures wherever required. Take  $\pi = \frac{22}{7}$  wherever required, if not stated.
10. Use of a calculator is NOT allowed.

**SECTION - A**

Section - A consists of 20 questions of 1 mark each.

1. If  $a = 2^3 \times 3^2 \times 5$  and  $b = 2^4 \times 3 \times 7^2$  then, select the correct relation :  
(A)  $HCF = 2^3 \times 3^2 \times 5 \times 7$   
 $LCM = 2^7 \times 3^3 \times 5 \times 7^2$   
(B)  $HCF = 2 \times 3 \times 5 \times 7$   
 $LCM = 2^2 \times 3^2 \times 5 \times 7^2$   
(C)  $HCF = 2 \times 3^2$   
 $LCM = 2^2 \times 3^2 \times 5 \times 7^2$   
(D)  $HCF = 2^3 \times 3$   
 $LCM = 2^4 \times 3^2 \times 5 \times 7^2$
2. The roots of the equation  $7x^2 + x - 1 = 0$  are  
(A) real and distinct  
(B) real and equal  
(C) real and divided  
(D) none of these
3. The zeroes of the polynomial:  $x^2 - 3x + 2$  are  
(A) 3,2  
(B) 1,-2  
(C) 1,2  
(D) -1,2
4. The value of  $k$  for which the system of equations  $3x - ky = 7$  and  $6x + 10y = 3$  is inconsistent, is :  
(A) -10  
(B) -5  
(C) 5  
(D) 7
5. If  $n^{\text{th}}$  term of an A.P. is  $7n - 4$  then the common difference of the A.P. is :  
(A) 7  
(B) 8

(C) 4

(D) -4

6. If  $\Delta ABC \sim \Delta DEF$ ,  $AB = 6\text{ cm}$ ,  $DE = 9\text{ cm}$ ,  $EF = 6\text{ cm}$  and  $FD = 12\text{ cm}$ , then the perimeter of  $\Delta ABC$  is

(A) 28 cm

(B) 28.5 cm

(C) 18 cm

(D) 23 cm

7. The distance between the point  $P(1,4)$  and  $Q(4,0)$  is :

(A) 4

(B) 5

(C) 6

(D)  $3\sqrt{3}$

8. The value of  $a$ , for which point  $p\left(\frac{a}{3}, 2\right)$  is the midpoint of the line segment joining the points  $Q(-5,4)$  and  $R(-1,0)$  is :

(A) -9

(B) 6

(C) -6

(D) 9

9. If  $\sin \theta = \frac{1}{2}$ , then the value of  $3 \sin \theta - 4 \sin^3 \theta$  is :

(A) -1

(B) 2

(C) 0

(D) 1

10. If  $\cos A = \frac{4}{5}$ , then the value of  $\tan A$  is :

(A)  $\frac{3}{5}$

(B)  $\frac{3}{4}$

(C)  $\frac{4}{3}$

(D)  $\frac{5}{3}$

11. The length of a tangent drawn from a point at a distance of 10 cm of a circle is 8 cm. The radius of the circle is :

(A) 4 cm

(B) 5 cm

(C) 6 cm

(D) 7 cm

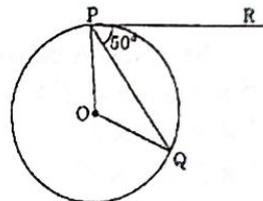
12. In Fig., if  $O$  is the centre of a circle  $PQ$  is a chord and the tangent  $PR$  at  $P$  makes an angle of  $50^\circ$  with  $PQ$ , then  $\angle POQ$  is equal to

(A)  $100^\circ$

(B)  $80^\circ$

(C)  $90^\circ$

(D)  $75^\circ$



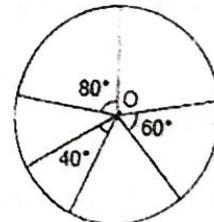
13. In the given figure, three sectors of a circle of radius 7 cm, making angles of  $60^\circ$ ,  $80^\circ$  and  $40^\circ$  at the centre are shaded. The area of the shaded region (in  $\text{cm}^2$ ) is :

(A) 77

(B) 154

(C) 44

(D) 22



14. The area (in  $\text{cm}^2$ ) of a sector of a circle of radius 21 cm cut off by an arc of length 22 cm is

(A) 441

(B) 321

(C) 231

(D) 221

15. The volume of a solid hemisphere is  $\frac{396}{7} \text{ cm}^3$ . The total surface area of the solid hemisphere (in  $\text{sq. cm}$ ) is

(A)  $\frac{396}{7}$

(B)  $\frac{594}{7}$

(C)  $\frac{549}{7}$

(D)  $\frac{604}{7}$

16. In a bag containing 24 balls, 4 are blue, 11 are green and the rest are white. One ball is drawn at random. The probability that drawn ball is white in colour is

(A)  $\frac{7}{6}$

(B)  $\frac{5}{8}$

(C)  $\frac{11}{24}$

(D)  $\frac{3}{8}$

17. Three coins are tossed simultaneously. The probability of getting all heads is

(A) 1

(B)  $\frac{1}{2}$

(C)  $\frac{1}{8}$

(D)  $\frac{1}{4}$

18. If for a data,  $Mean : Median = 9 : 8$ , then  $Median : Mode =$

(A) 8 : 9

(B) 4 : 3

(C) 7 : 6

(D) 5 : 4

**DIRECTIONS:** In the question number 19 and 20, a statement of Assertion (A) is followed by a statement of Reason (R).

Choose the correct option out of the following:

- A) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A)
- B) Both assertion (A) and reason (R) are true and reason (R) is not the correct explanation of assertion (A)
- C) Assertion (A) is true but reason (R) is false.
- D) Assertion (A) is false but reason (R) is true.

19. Statement A ( Assertion ) : HCF of any two consecutive even natural numbers is always 2.

Statement R ( Reason ) : Even natural numbers are divisible by 2

20. Statement A ( Assertion ) : For any acute angle  $\theta$ , the value of  $\sin \theta$  can not be greater than 1.

Statement R ( Reason ) : Hypotenuse is the longest side in any right angled triangle.

**(SECTION - B)**

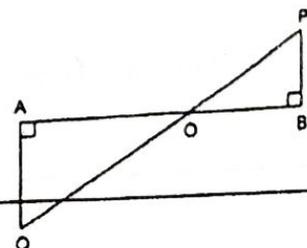
Section - B consists of 5 questions of 2 marks each.

21. Check whether  $6^n$  end with digit zero or not. Justify.

22. How many terms of the A.P. 27, 24, 21, ... should be taken so that their sum is zero?

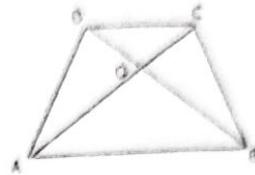
23. a) In the given figure  $QA \perp AB$  and  $BP \perp AB$ .

If  $AO = 20\text{ cm}$ ,  $BO = 12\text{ cm}$ ,  $PB = 18\text{ cm}$ , find  $AQ$ .



OR

- b) ABCD is a trapezium in which  $AB \parallel DC$  and its diagonals intersect each other at the point O. Show that  $\frac{AO}{BO} = \frac{CO}{DO}$



24. Find the value of:  $\sin 30^\circ \cos 60^\circ + \cos 30^\circ \sin 60^\circ$ .  
25. The length of the minute hand of a clock is 14 cm. Find the area swept by the minute hand in 5 minutes.

OR

The diameter of the wheel of a bus is 140 cm. How many revolutions per minute must the wheel make in order to keep a speed of 66 km/h?

(SECTION - C)

Section - C consists of 6 questions of 3 marks each.

26. Amita, Sneha, and Raghav start preparing cards for all persons of an old age home. The time taken by Amita, Sneha, and Raghav to complete one card is 10, 16, and 20 minutes respectively.  
(i) If all of them start together, after what time will they start preparing a new card together?  
(ii) How many cards can be prepared by Amita in 1 hour?  
27. The sum of two numbers is 18 and the sum of their reciprocals is  $\frac{9}{40}$ . Find the numbers.  
28. a) If one zero of a polynomial  $3x^2 - 8x + 2k + 1$  is seven times the other, find the value of  $k$ .

OR

b) If  $\alpha$  and  $\beta$  are zeroes of a polynomial  $6x^2 - 5x + 1$  then form a quadratic polynomial whose zeroes are  $\alpha^2$  and  $\beta^2$ .

29. a) Prove that the lengths of tangents drawn from an external point to a circle are equal.

OR

- b) Find the length  $BC$  of  $\Delta ABC$ . Given that, a circle is inscribed in  $\Delta ABC$  touching the sides  $AB, BC$  and  $CA$  at  $R, P$  and  $Q$  respectively and  $AB = 10$  cm,  $AQ = 7$  cm,  $CQ = 5$  cm.



30. A bag contains 24 balls of which  $x$  are red,  $2x$  are white and  $3x$  are blue. A ball is selected at random. What is the probability that the ball is  
(a) not white  
(b) blue  
(c) either white or blue

31. Prove that:  $\frac{\sin \theta}{(1 + \cos \theta)} + \frac{(1 + \cos \theta)}{\sin \theta} = 2 \operatorname{cosec} \theta$

(SECTION - D)

Section - D consists of 4 questions of 5 marks each

32. a) 4 chairs and 3 tables cost ₹2100 and 5 chairs and 2 tables cost ₹1730. Find the cost of one chair and one table separately.

OR

b) In a two digit number, the digit in the unit place is twice of the digit in the tenth place. If the digits are reversed, the new number is 27 more than the given number. Find the number.

33. a) (a) Marbles of diameter 1.4cm are dropped into a cylindrical beaker of diameter 7cm containing some water. Find the number of marbles that should be dropped into the beaker so that the water level raises by 5.6 cm.

OR

b) The sum of the radius of base and height of a solid right circular cylinder is 37 cm. If the total surface area of the solid cylinder is 1628 sq. cm, find the volume of the cylinder, (use  $\pi = \frac{22}{7}$ )

34. State and prove Basic Proportionality theorem.

Class	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	4	4	7	10	12	8	5

35. Find the mean, mode and median of the following frequency distribution:

(SECTION – E)

Section - E consists of 3 case study-based questions of 4 marks each.

36. While playing a treasure hunt game, some clues(numbers) are hidden in various spots collectively forming an A.P. If the number on the  $n^{th}$  spot is  $20 + 4n$ , then answer the following questions to help the player in spotting the clues.

- Which number is on the first spot? (1m)
- Which number is on  $(n - 2)^{th}$  spot? (1m)
- What is the sum of all the numbers on the first 10 spots? (2m)

OR

Which spot is numbered as 116?

37. A group of students of class X visited India Gate on an education trip. The teacher and students had interest in history as well. The teacher narrated that India Gate, official name Delhi Memorial, originally called All-India War Memorial, monumental sandstone arch in New Delhi, dedicated to the troops of British India who died in wars fought between 1914

and 1919. The teacher also said that India Gate, which is located at the eastern end of the Rajpath (formerly called the Kingsway), is about 138 feet (42 metres) in height.

- i. What is the angle of elevation if they are standing at a distance of 42m away from the monument?

(1m)

- ii. They want to see the tower at an angle of  $60^\circ$ . So, they want to know the distance where they should stand and hence find the distance.

(1m)

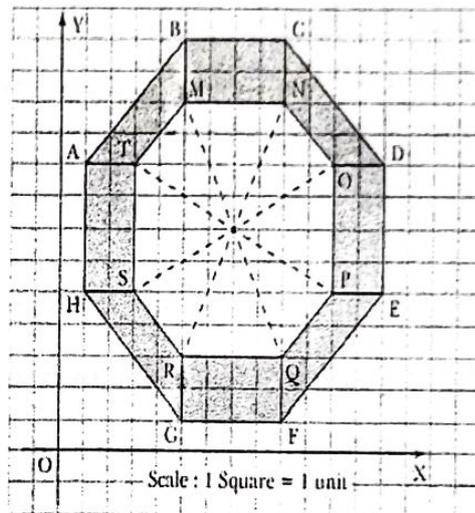
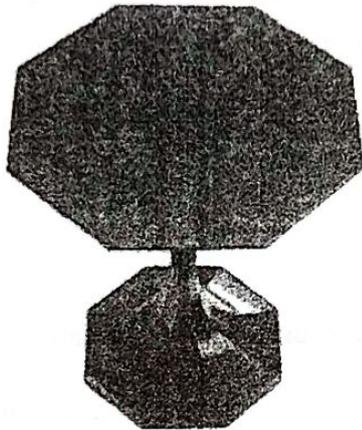
- iii. If the altitude of the Sun is at  $60^\circ$ , then find the height of the vertical tower that will cast a shadow of length 20m. (2m)



OR

The ratio of the length of a rod and its shadow is 1:1. Find the angle of elevation of the Sun.

38. The top of a table is shown in the figure given below :



Based on the above information and referring to the above diagram, answer the following questions.

- i. Find the coordinates of the points H and G. (1m)  
 ii. Find the coordinates of the midpoint of the line segment joining points M and Q. (1m)  
 iii. Find the distance between the points A and B. (2m)

OR

Find the area of a rectangle RQFG.

\*\*\*\*\*



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION  
PRE-BOARD EXAMINATION -I (2025 - 2026)

GRADE X

Date: 15.12.2025

SET - 2

Max Marks: 80

Subject: MATHEMATICS (041)

Time: 3 hours

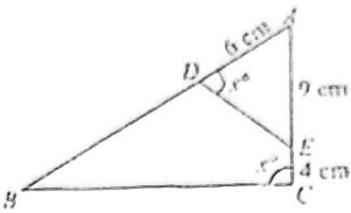
**General Instructions:**

Read the following instructions carefully and follow them:

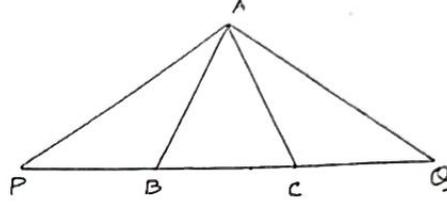
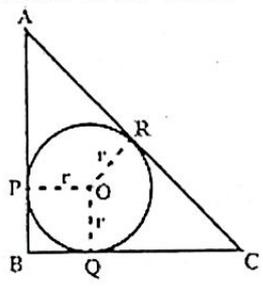
1. This question paper contains 38 questions. All Questions are compulsory.
2. This Question Paper is divided into 5 Sections A, B, C, D and E.
3. In Section A, Question numbers 1-18 are multiple choice questions (MCQs) and questions no. 19 and 20 are Assertion- Reason based questions of 1 mark each.
4. In Section B, Question numbers 21-25 are very short answer (VSA) type questions, carrying 02 marks each.
5. In Section C, Question numbers 26-31 are short answer (SA) type questions, carrying 03 marks each.
6. In Section D, Question numbers 32-35 are long answer (LA) type questions, carrying 05 marks each.
7. In Section E, Question numbers 36-38 are case study-based questions carrying 4 marks each
8. There is no overall choice. However, an internal choice in 2 questions of Section B, 2 questions of Section C and 2 questions of Section D has been provided.
9. Draw neat and clean figures wherever required. Take  $\pi = 22/7$  wherever required if not stated.

**SECTION- A**

1.	If p is a prime number, then HCF and LCM of p and (p+1) is a) HCF=p, LCM=p+1                      (b) HCF=p(p+1), LCM=1  (c) HCF=1, LCM=p(p+1)                (d) HCF=p+1, LCM= p	1
2.	If the polynomial q(x) has zeros as 2 and 4, then the polynomial is (a) $x^2+6x+8$ (b) $2x^2- 12x+16$ (c) $x^2- 8x+6$ (d) None of these	1
3.	If $\sin\theta + \cos\theta = \sqrt{2}$ , then $\tan\theta + \cot\theta =$ _____. (a) 1                      (b) 2                      (c) 3                      (d) 4	1
4.	If the sum of two numbers is 1215 and their HCF is 81, then the possible number of pairs of such number is	1

	(a) 2                      (b) 3                      (c) 4                      (d) 5	
5.	In the given figure, $AD=6$ cm, $AE = 9$ cm and $EC = 4$ cm, then find the value of $2BD$ . (in cm)	1
		
	(a) 9                      (b) 18                      (c) 27                      (d) 36	
6.	One card is drawn from a well-shuffled deck of 52 cards. Find the probability that it is a black queen.	1
	(a) $1/26$ (b) $1/13$ (c) $1/52$ (d) $2/13$	
7.	If two positive integers $m$ and $n$ are expressible in the form $m = pq^3$ and $n = p^3q^2$ where $p$ and $q$ are prime numbers, then the result obtained by dividing the product of positive integers by the $LCM(m, n)$ is	1
	(a) $pq$ (b) $pq^2$ (c) $p^3q^3$ (d) $p^2q^3$	
8.	Find the number of real roots of the equation $(x - 1)^2 + (x - 2)^2 + (x - 3)^2 = 0$	1
	(a) 3                      (b) 0                      (c) 1                      (d) 2	
9.	A bag contains cards numbered from 6 to 55. A card is drawn at random from the bag. The probability that the drawn card has a number which is a perfect square is	1
	a) $7/50$ (b) $7/55$ (c) $1/10$ (d) $5/49$	
10.	If $\cos(\alpha + \beta) = 0$ , then the value of $\cos\left(\frac{\alpha + \beta}{2}\right)$ is	1
	a) $\sqrt{2}$ (b) $1/2$ (c) 0                      (d) $1/\sqrt{2}$	
11.	If $ui = \frac{x_i - 25}{10}$ , $\sum f_i u_i = 20$ , $\sum f_i = 100$ , then $\bar{x} =$	1
	a) 23                      (b) 24                      (c) 27                      (d) 25	
12.	If two tangents inclined at an angle of $60^\circ$ are drawn to circle of radius 3 cm, then the length of each tangent is equal to	1

	(a) $\frac{3\sqrt{3}}{2}$ cm	(b) 6 cm	(c) $3\sqrt{3}$ cm	(d) 3 cm	
13.	A pendulum swings through an angle of $36^\circ$ and describes an arc of length 8.8 cm. What is the length of the pendulum?				1
	(a) 16 cm	(b) 14 cm	(c) 21 cm	(d) 12 cm	
14.	Find the distance between two parallel tangents of a circle of radius 5 cm.				1
	(a) 5 cm	(b) 12 cm	(c) 6 cm	(d) 10 cm	
15.	In what ratio does the x-axis divide the line segment joining the point (2, -3) and (5, 6)?				1
	(a) 1 : 2	(b) 1 : 4	(c) 2 : 3	(d) 4 : 3	
16.	If the area of a sector of a circle is $\frac{5}{18}$ times the area of a circle, then find the angle of the sector.				1
	(a) 65 degrees	(b) 110 degrees	(c) 100 degrees	(d) 135 degrees	
17.	A sphere of maximum volume is cut out from a solid hemisphere of radius r. The ratio of the volume of the hemispheres to that of the cut out sphere is				1
	(a) 1 : 4	(b) 4 : 1	(c) 3 : 4	(d) 7 : 4	
18.	A circle circumscribes a regular hexagon. The coordinates of two adjacent vertices are (2,1) and (-2, 4), and find the radius of the hexagon.				1
	(a) 5 units	(b) 2 units	(c) 4 units	(d) Need more information to find radius	
	<p><b>DIRECTIONS:</b> In the question number 19 and 20, a statement of Assertion (A) is followed by a statement of Reason (R).  <b>Choose the correct option:</b>            (A) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A)            (B) Both assertion (A) and reason (R) are true and reason (R) is not the correct explanation of assertion (A)            (C) Assertion (A) is true but reason (R) is false.            (D) Assertion (A) is false but reason (R) is true.</p>				
19.	<p>Assertion (A): In a right angled triangle, if <math>\cot\theta = \frac{3}{4}</math>, then value of <math>\operatorname{cosec}\theta = \frac{5}{4}</math></p> <p>Reason (R): <math>\operatorname{cosec}^2\theta - \cot^2\theta = 1</math></p>				1

20.	<p><b>Assertion (A):</b> If the system of equations <math>2x+3y=7</math> and <math>a(2x+y)+by=28</math> is consistent and dependent, then <math>2a-b=0</math>.</p> <p><b>Reason (R):</b> A system of linear equations <math>a_1x + b_1y + c_1 = 0</math> and <math>a_2x + b_2y + c_2 = 0</math> is consistent and dependent if <math>\frac{a_1}{a_2} = \frac{b_1}{b_2} = \frac{c_1}{c_2}</math>.</p>	1
<b>SECTION B</b>		
21.	<p>A) Find the value of <math>\tan\theta</math>, if <math>\sin\theta + \cos\theta = \sqrt{2}\cos\theta</math></p> <p style="text-align: center;">OR</p> <p>B) Given that <math>\sin(A-B) = \sin A \cos B - \cos A \sin B</math>, find the value of <math>\sin 15^\circ</math></p>	2
22.	<p>In triangle ABC, <math>AB = AC</math>, and <math>PB \times CQ = AC^2</math>. Prove that <math>\Delta BAP \sim \Delta CQA</math>.</p> <div style="text-align: center;">  </div>	2
23.	<p>ABC is a right angled triangle in which <math>\angle B = 90^\circ</math>. A circle is inscribed in the triangle, If <math>AB = 8</math> cm and <math>BC = 6</math> cm, find the radius of the circle.</p> <div style="text-align: center;">  </div>	2
24.	<p>A) The perimeter of a sector of a circle of radius 14 cm is 68 cm. Find the area of the sector of the circle.</p> <p style="text-align: center;">OR</p> <p>B) Find the area of the minor segment of a circle of radius 21 cm, when the angle of the corresponding sector is <math>120^\circ</math>.</p>	2
25.	<p>If the first term of an A.P. is 3 and the sum of its first four terms is equal to one-fifth of the sum of the next four terms, then find the sum of the first 20 terms.</p>	2

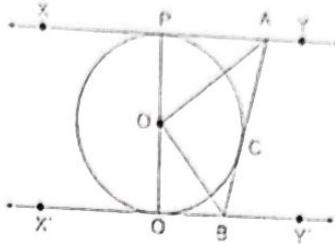
## SECTION C

26.

(a) Prove that opposite sides of a quadrilateral circumscribing a circle subtend supplementary angles at the centre of the circle.

OR

(b) In the figure  $XY$  and  $X'Y'$  are two parallel tangents to a circle with centre  $O$  and another tangent  $AB$  with point of contact  $C$  intersecting  $XY$  at  $A$  and  $X'Y'$  at  $B$  prove that  $\angle AOB = 90^\circ$ .



3

27.

If  $\alpha$  and  $\beta$  are the zeros of the quadratic polynomial  $f(x) = x^2 + 6x + 2$ .

(i) Evaluate  $(\alpha^3 + \beta^3)$

(ii) Hence find a polynomial whose zeros are  $\alpha^3$  and  $\beta^3$ .

3

28.

A) Prove that:  $\sin^6 A + \cos^6 A = 1 - 3 \sin^2 A \cos^2 A$ .

OR

B) Prove that  $\frac{\sin\theta - \cos\theta + 1}{\sin\theta + \cos\theta - 1} = \sec\theta + \tan\theta$

3

29.

Determine graphically the coordinates of the vertices of a triangle, the equations of whose sides are given by  $2x - y = 8$ ,  $3x + 2y - 12 = 0$  and  $x + 4 = 0$ . Hence find the area of the triangle.

3

30.

Two dice are rolled once. Find the probability of getting such numbers on the two dice,

(i) 5 at least once

(ii) Whose product is 12

(iii) Sum of numbers on the two dice is at most 5.

3

31.

Prove that  $\sqrt{5}$  is an irrational number. Hence prove that  $3 - 2\sqrt{5}$  is irrational.

3

**SECTION D**

32.

A) The monthly expenditure on milk in 200 families of a Housing Society is given below:

Monthly Expenditure (in ₹)	1000- 1500	1500- 2000	2000- 2500	2500- 3000	3000- 3500	3500- 4000	4000- 4500	4500- 5000
Number of families	24	40	33	$x$	30	22	16	7

Find the value of  $x$  and also, find the mean and mode expenditure on milk.

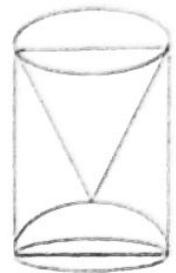
Or

B) The median of the following distribution is 35, find the values of  $a$  and  $b$ . Also find the mode of the data

C.I	0-10	10-20	20-30	30-40	40-50	50-60	60-70	Total
$f$	10	20	$a$	40	$b$	25	15	170

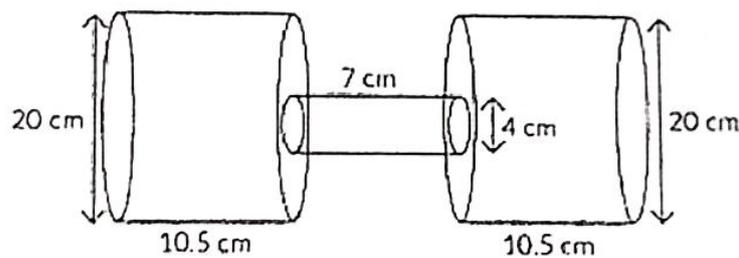
33.

A) A wooden article as shown in the figure was made from a cylinder by scooping out a hemisphere from one end and a cone from the other end. If the height of the conical part is 8 cm and the diameter of the hemispherical portion is 6 cm. Find the total surface area of the remaining article.



Or

(b) A pulley was made from two big equal cylinders stuck at the end of a small cylinder to draw water from the well, as shown in the figure. Find its total surface area.



34.

The diagonal of a rectangular field is 16 m more than the shorter side. If the longer side is 14 m more than the shorter side, then find the lengths of the sides of the field.

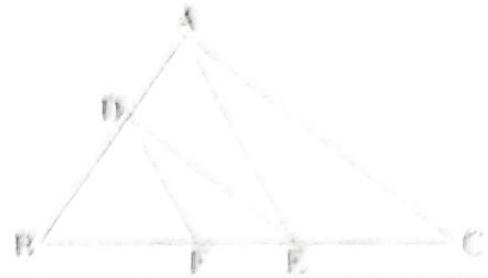
35.

"If a line divides any two sides of a triangle in the same ratio, then the line is parallel to the third side".

Prove the converse of this statement.

In the figure,  $DE \parallel AC$  and  $DF \parallel AB$ .

Prove that  $\frac{BE}{FE} = \frac{BF}{EC}$



5

**SECTION E**  
**CASE-STUDY BASED QUESTIONS ARE COMPULSORY.**

36.

The Coastal Safety Authority of Kerala has recently installed an advanced cliff-top lookout system to monitor fishing boats approaching the rocky shoreline near Varkala. One afternoon, the officer spots a small fishing boat sailing straight toward the shoreline point directly below the cliff. At the moment of first sighting, the angle of depression to the boat is  $30^\circ$ . The officer continues monitoring, and 3 minutes later, he measures the angle of depression again and finds that it has increased to  $60^\circ$ .

Assuming that the boat continues to travel at a **uniform speed**, answer the following questions that help the authority estimate arrival times and ensure timely safety alerts.

a)

Draw a diagram to represent the above situation.

1

b)

Find the distance between two fishing boats?

2

c)

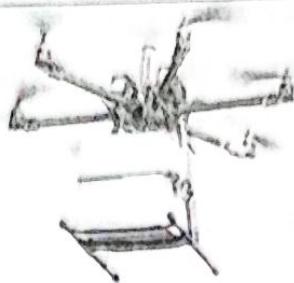
Find the speed of the boat in metres per second, given that the cliff height is 500 m.

1

37.

**Case Study 2:**

A food-delivery company is testing a new drone-based delivery system in a busy city area. To plan fast routes, they map key locations on a coordinate grid. A popular restaurant  $R(2, 5)$ , a drone charging hub  $H(8, 11)$ , and a frequent delivery hotspot  $D(14, 5)$  are plotted on the grid. The company wants to analyse distances, find central meeting points, and decide ideal drop-off zones using coordinate geometry. This helps the system reduce delivery time, battery usage, and traffic delays.



Based on the above information answer the below questions:

- |    |   |   |
|----|---|---|
| a) | Find the shortest distance between the restaurant $R(2, 5)$ and the hotspot $D(14, 5)$ .  | 1 |
| b) | Are the points $R, H$ & $D$ collinear? Justify  | 1 |
| c) | The company wants to position a temporary drop-off point $S$ on the line segment joining $R(2, 5)$ and $H(8, 11)$ such that $RS:RH=1:4$ . Find the coordinates of $S$ . | 2 |

38. **Case Study 3:** In a pathology lab study, each sample's bacterial count was recorded as a three-digit number divisible by seven, starting from the smallest three-digit number that meets this condition.



Based on the above information, solve the following questions

- |    |   |   |
|----|---|---|
| a) | How many bacteria are present in the seventh sample?                                  | 1 |
| b) | How Many bacteria are present in the fifth sample from the last.                      | 1 |
| c) | How many samples should be taken so that the sum of the bacteria turns out to be 840? | 2 |

\*\*\*\*\*



**BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION**  
**PRE-BOARD EXAMINATION -1 (2025 - 2026)**  
**GRADE X**

**Date: 15.12.2025**

**Max Marks: 80**

**Subject: MATHEMATICS BASIC (241)**

**Time: 3 hours**

**General Instructions:**

Read the following instructions carefully and follow them:

1. This question paper contains 38 questions. All Questions are compulsory.
2. This Question Paper is divided into 5 Sections A, B, C, D and E.
3. In Section A, Question numbers 1-18 are multiple choice questions (MCQs) and questions no. 19 and 20 are Assertion- Reason based questions of 1 mark each.
4. In Section B, Question numbers 21-25 are very short answer (VSA) type questions, carrying 02 marks each.
5. In Section C, Question numbers 26-31 are short answer (SA) type questions, carrying 03 marks each.
6. In Section D, Question numbers 32-35 are long answer (LA) type questions, carrying 05 marks each.
7. In Section E, Question numbers 36-38 are case study-based questions carrying 4 marks each with sub parts of the values of 1, 1 and 2 marks each respectively.
8. There is no overall choice. However, an internal choice in 2 questions of Section B, 2 questions of Section C and 2 questions of Section D has been provided. An internal choice has been provided in all the 2 marks questions of Section E.
9. Draw neat and clean figures wherever required. Take  $\pi = \frac{22}{7}$  wherever required if not stated.
10. Use of calculators is not allowed.

**(Section A)**

**Section A consists of 20 questions of 1 mark each.**

Q.No.	Questions	Marks
1.	The HCF of two numbers is 24. Which of the following cannot be their LCM? (A) 120            (B) 370            (C) 240            (D) 96'	1
2.	Probability of happening of an event is denoted by m and probability of non-happening of the event is denoted by n. Relation between m and n is : (A) $m+n = -1$ (B) $n = m - 1$ (C) $m=1, n=1$ (D) $m+n-1=0$	1

3. If the sum of the zeros of the quadratic polynomial  $kx^2 + 2x + 3k$  is equal to the product of the zeros then value of  $k$  is.

- (A)  $\frac{1}{3}$  (B)  $-\frac{1}{3}$  (C)  $\frac{2}{3}$  (D)  $-\frac{2}{3}$   
OR

One of the zeroes of the polynomial  $p(x) = kx^2 - 9x + 3$  is  $\frac{-3}{2}$ . The value of  $k$  is

- (A)  $-\frac{22}{3}$  (B)  $-\frac{14}{3}$  (C)  $\frac{14}{3}$  (D)  $\frac{22}{3}$

4. For the following distribution :

Class	0 - 5	5 - 10	10 - 15	15 - 20	20 - 25
Frequency	18	14	21	15	12

The upper limit of the modal class is :

- (A) 10 (B) 15 (C) 20 (D) 25

5. If  $\tan A = \frac{1}{2}$  then  $\sin A$  is equal to

- (A)  $\frac{2}{\sqrt{5}}$  (B)  $\frac{1}{\sqrt{3}}$  (C)  $\frac{1}{\sqrt{5}}$  (D) 1  
OR

If  $\sqrt{2} \sin \theta = 1$  then  $\cot \theta \times \operatorname{cosec} \theta$  is equal to

- (A)  $\frac{1}{\sqrt{2}}$  (B)  $\frac{1}{2\sqrt{2}}$  (C)  $\sqrt{2}$  (D)  $\frac{1}{2}$

6. If  $(2, 4)$  is the mid point of the line segment joining the points  $(6, 3)$  and  $(a, 5)$ , then the value of  $a$  is

- (A) 2 (B) 4 (C) -4 (D) -2

7. Given  $\triangle ABC \sim \triangle PQR$ ,  $\angle A = 90^\circ$  and  $\angle Q = 30^\circ$ . The value of  $\angle R + \angle B$  is :

- (A)  $90^\circ$  (B)  $120^\circ$  (C)  $180^\circ$  (D)  $150^\circ$

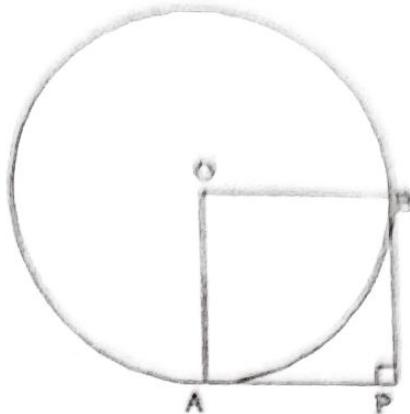
8. The  $n^{\text{th}}$  term of an AP 3, 6, 9, 12,..... is :

- (A)  $3n$  (B)  $3n + 2$  (C)  $4n$  (D)  $4n + 2$

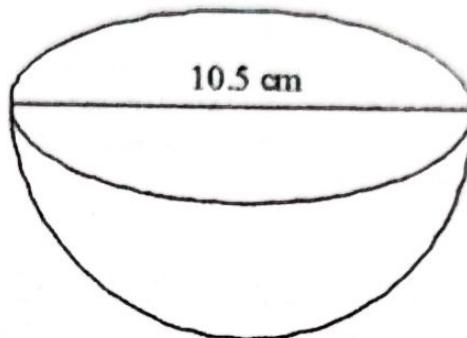
9. The discriminant of the quadratic expression  $x^2 + 4x - 20$  is

- (A) positive (B) negative (C) zero (D) cannot be determined

10. In the adjoining figure, PA and PB are tangent to a circle with centre O such that  $\angle P = 90^\circ$ . If  $AB = 3\sqrt{2}$  cm then find the radius of the circle  
 (A)  $3\sqrt{2}$  cm (B)  $6\sqrt{2}$  cm (C) 3 cm (D) 6 cm



11. A hemispherical bowl is made of metal sheet. If the inner diameter is 10.5 cm, the inner surface area is ( $\pi = \frac{22}{7}$ )



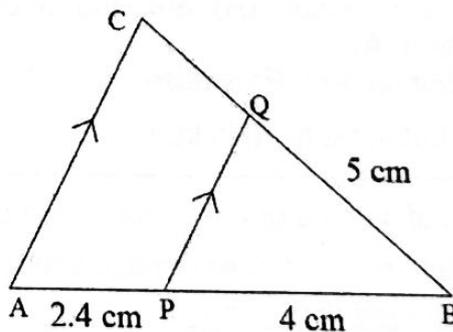
- (A)  $173.25 \text{ cm}^2$  (B)  $346.5 \text{ cm}^2$  (C)  $86.625 \text{ cm}^2$  (D)  $72.6 \text{ cm}^2$

12. If  $p^2 = \frac{24}{75}$  then p is a/an

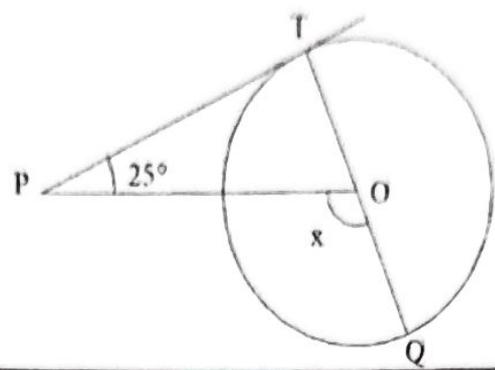
- (A) Whole number (B) Rational number (C) Integer (D) Irrational number

13. In the given figure,  $PQ \parallel AC$ . If  $BP = 4$  cm,  $AP = 2.4$  cm and  $BQ = 5$  cm, then length of BC is

- (A) 8 cm (B) 3 cm (C) 0.3 cm (D)  $\frac{25}{3}$  cm



14. In the given figure, PT is a tangent at T to the circle with centre O. If  $\angle TPO = 25^\circ$  then value of x is  
 (A)  $25^\circ$  (B)  $65^\circ$  (C)  $90^\circ$  (D)  $115^\circ$



15. Area of sector of a circle of a diameter 28 cm subtending an angle  $90^\circ$  at the centre is :  
 (A)  $154 \text{ cm}^2$  (B)  $77 \text{ cm}^2$  (C)  $88 \text{ cm}^2$  (D)  $66 \text{ cm}^2$

16. A pole 6 m high casts a shadow  $2\sqrt{3}$  m long on the ground, then the sun's elevation is  
 (A)  $60^\circ$  (B)  $45^\circ$  (C)  $30^\circ$  (D)  $90^\circ$

17. Adarsh solved the following pair of linear equations in two variables correctly. He found the point of intersection as (3, -2). One of the lines was  $x - y = 5$ . Which of the following could have been the other line ?  
 i.  $3x - 3y = 15$     ii.  $2x - 3y = 12$     iii.  $2x - 3y = 14$   
 (A) Only i    (B) only ii    (C) only i & ii    (D) only ii & iii

18. The probability of drawing an even prime number out of numbers from 1 to 30 is  
 (A)  $\frac{1}{30}$     (B)  $\frac{4}{15}$     (C)  $\frac{7}{30}$     (D) 0

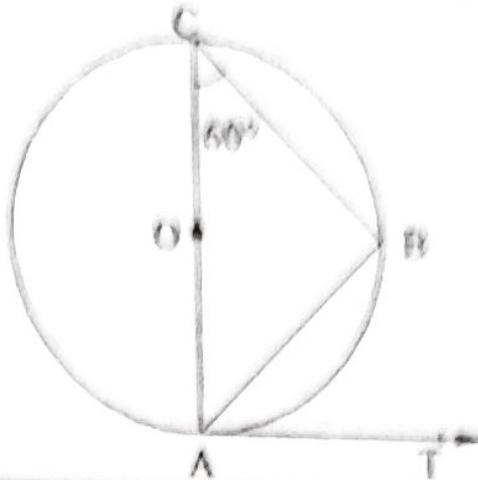
**DIRECTIONS:** In the question number 19 and 20, a statement of **Assertion (A)** is followed by a statement of **Reason (R)**.  
**Choose the correct option:**  
 (A) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A)  
 (B) Both assertion (A) and reason (R) are true and reason (R) is not the explanation of assertion (A)  
 (C) Assertion (A) is true but reason (R) is false.  
 (D) Assertion (A) is false but reason (R) is true.

19. Assertion (A): The exponent of 3 in the prime factorization of 2025 is 3.  
 Reason (R): The fundamental Theorem of Arithmetic states that the prime factorization of every number is unique.

20.

Assertion (A) : In the given figure O is the centre of a circle and AT is a tangent at point A, then  $\angle BAT = 60^\circ$ .

Reason (R) : Tangent is perpendicular to the radius at the point of contact.



(Section - B)

Section B consists of 5 questions of 2 marks each.

21.

Determine the AP whose 3<sup>rd</sup> term is 16 and 7<sup>th</sup> term exceeds the 5<sup>th</sup> term by 12.

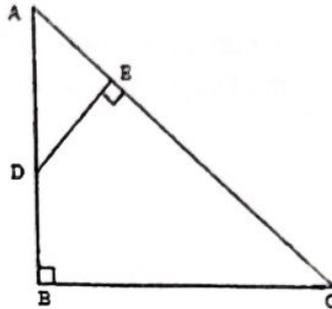
OR

If the 17<sup>th</sup> term of an AP exceeds its 10<sup>th</sup> term by 7, find the common difference.

2

22.

In the given figure,  $AB \perp BC$  and  $DE \perp AC$ . Prove that  $\triangle ABC \sim \triangle AED$ .



2

23.

If  $\sin \theta + \cos \theta = \sqrt{3}$  then find the value of  $(\sin \theta \times \cos \theta)$

OR

If  $x \cos 60^\circ + y \cos 0^\circ + \sin 30^\circ - \cot 25^\circ = 5$ , then find the value of  $x + 2y$ .

2

24.

For what value of k will the following pair of equations have infinitely many solutions.

$$6x + y = 3k \text{ and } 36x + 6y = 3$$

OR

Half of the difference between two numbers is 2. The sum of the greater number and twice the smaller number is 13. Find the numbers.

2

25.

The probability of guessing the correct answer of a certain test question is  $\frac{x}{12}$ . If the probability of not guessing the correct answer is  $\frac{5}{6}$ , then find the value of  $x$ .

OR

While shuffling a pack of 52 cards, one card was accidentally dropped. Find the probability that the dropped card

- i) is not a face card
- ii) is a black king

(Section - C)

Section C consists of 6 questions of 3 marks each.

26.

Find the ratio in which  $P(4, m)$  divides the line segment joining the points  $A(2, 3)$  and  $B(6, -3)$ . Hence find  $m$ .

OR

If  $A(-2, 1)$ ,  $B(a, 0)$ ,  $C(4, b)$  and  $D(1, 2)$  are the vertices of a parallelogram  $ABCD$ , find the values of  $a$  and  $b$ .

3

27.

Find the Zeros of the polynomial  $7x^2 + 18x - 9$ . Hence write a polynomial each of whose Zero is twice the Zero of the given polynomial.

OR

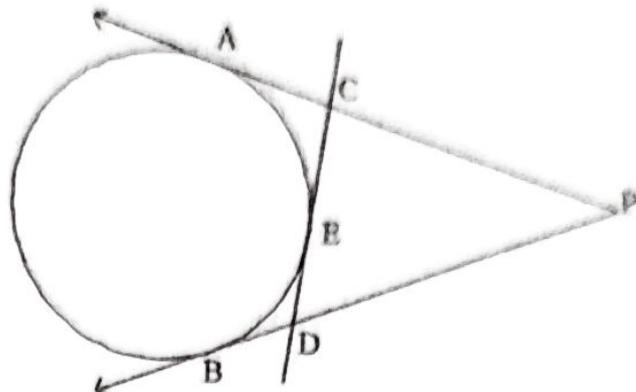
Find the quadratic polynomial whose sum and product of Zeros are  $(-1)$  and  $(-20)$  respectively. Also find the Zeros of the Polynomial so obtained.

3

28.

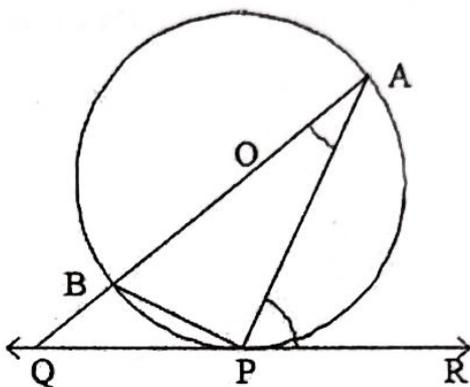
In the given figure, from an external point P, two tangents PA and PB are drawn to a circle with centre O. At a point E on the circle, a tangent is drawn to intersect PA and PB at C and D respectively. If PA = 10 cm, find the perimeter of  $\triangle PCD$

3



OR

In the given figure, O is the centre of the circle and QPR is a tangent to it at P. Prove that  $\angle QAP + \angle APR = 90^\circ$



29.

Prove that  $4\sqrt{2} + 3$  is an irrational number.

OR

Three bells ring periodically every 48 seconds, 72 seconds, and 108 seconds respectively. If they ring together at 6:00 AM, at what time will they ring together next?

3

30.

Check whether the following pair of equations is consistent or not. If consistent, solve graphically

$$x + 3y = 6$$

$$3y - 2x = -12$$

OR

Solve the system of equations graphically

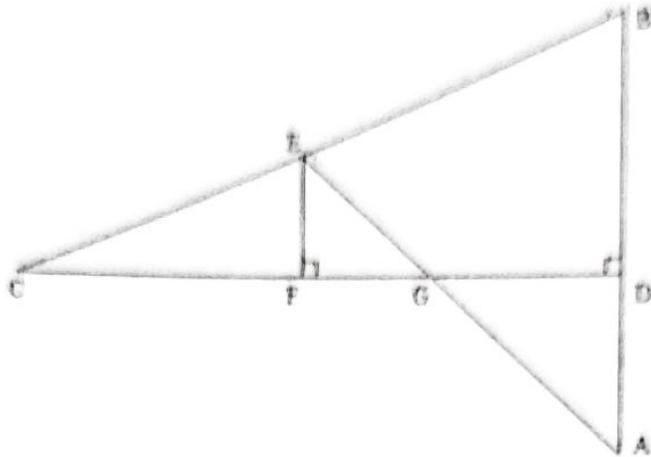
$$4x - 3y + 4 = 0$$

$$4x + 3y - 20 = 0$$

Find the area bounded by these lines and x-axis.

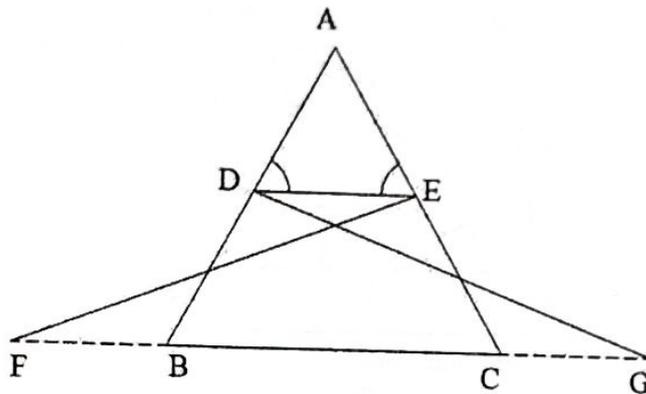
3

31. In the given figure, CD is the perpendicular bisector of AB. EF  $\perp$  CD. AE intersects CD at G. Prove that CF, DG = FG. CD



OR

In the given figure,  $\triangle FEC \cong \triangle GDB$  and  $\angle 1 = \angle 2$ , Prove that  $\triangle ADE \cong \triangle ABC$



(Section - D)

Section D consists of 4 questions of 5 marks each

- |     |  |   |
|-----|--|---|
| 32. | The diagonals of the quadrilateral ABCD cut each other at the point O such that $\frac{AO}{BO} = \frac{CO}{DO}$ . Show that ABCD is a trapezium.   | 5 |
| 33. | A train travels at a certain average speed for a distance of 63km and then travels at a distance of 72km at an average speed of 6km/h more than its original speed. If it takes 3hours to complete total journey. What is the original average speed ? | 5 |

34.

(a) A solid iron pole consists of a solid cylinder of height 200 cm and base diameter 28 cm, which is surmounted by another cylinder of height 50 cm and radius 7 cm. Find the mass of the pole, given that 1 cm<sup>3</sup> of iron has approximately 8 g mass.

5

OR

(b) An ice cream cone has a conical shape with a height of 12 cm and base radius 3.5 cm. A hemispherical scoop of the radius is placed on top. Find the total volume of the ice cream (cone + scoop) (Use  $\pi = 22/7$ )

35.

The table shows the daily expenditure on food of 25 household in a locality

5

(a) Find the mean daily expenditure on food?

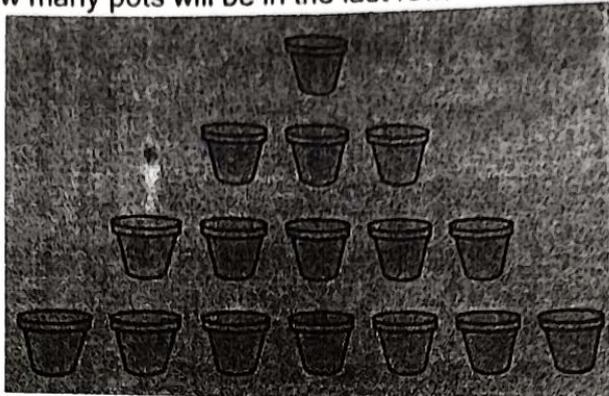
(b) Find the modal expenditure on food?

Daily expenditure in ₹	100 - 150	150 - 200	200 - 250	250 - 300	300 - 350
Frequency	4	5	12	2	2

(Section - E)

Section E consists of 3 case study-based questions of 4 marks each.

36. A gardener wants to construct a flowerbed in his garden. He has 100 flower pots and plans to arrange them in rows such that the first row has 1 pot, the second row has 3 pots, the third row has 5 pots and so on, increasing the number of pots in each subsequent row by 2. This forms a beautiful triangular pattern when viewed from above. The gardener also wants the flowerbed to be perfectly symmetrical, with all rows neatly aligned. He uses bright red pots for the outer edge and yellow pots for the inner ones to make it more attractive. He wonders how many rows he can make with all the pots and how many pots will be in the last row.



- (i) What type of sequence do the numbers of pots in each row form ?  
(ii) Write the first five terms of this sequence.  
(iii) (a) How many rows can he make with the 100 pots ?

1  
1  
2

OR

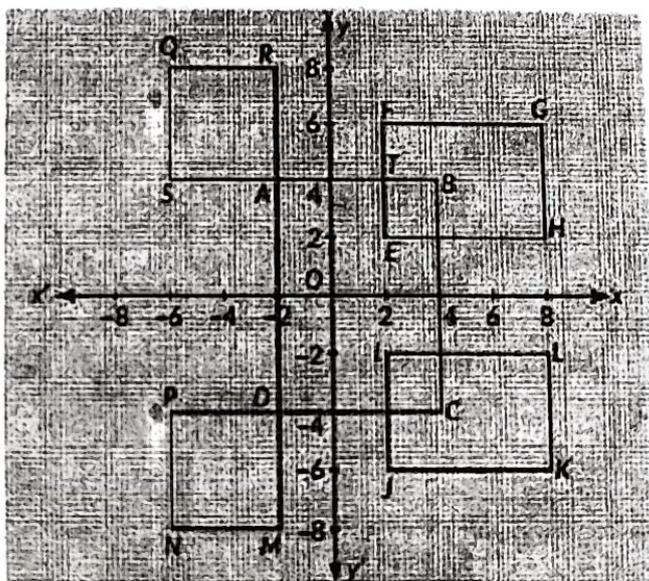
- (b) If each pot costs ₹50, find the total cost of pots used in the first 8 rows.

37. Shivani is an interior decorator. To design her own living room, she designed wall shelves. The graph of intersecting wall shelves is given below:

Based on the above information, answer the following questions:

- (i) Find the ratio in which the x-axis divides the line-segment joining the points A and C  
(ii) Find the coordinates of the mid-point of the line segment joining D and H  
(iii) Find the coordinates of the vertices of rectangle IJKL

1  
1  
2



38.

A school plans to install a new **flagpole** in the playground. To determine the ideal height, the mathematics teacher conducts a small activity with the students.

A student stands **30 m away** from an existing pole and measures the angle of elevation to the top of the pole as  $30^\circ$ . The student then walks **10 m closer** to the pole, and the angle of elevation increases to  $45^\circ$ .

(i) Draw a labelled figure representing the situation described above.

1

(ii) Express the height of the pole for the two observations using trigonometric equations..

1

(iii) Solve the two equations to find the height of the pole.

2

OR

If the school decides to install a new flagpole that is **1.5 times** the height of the existing pole, what will be its height?



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

PRE-BOARD EXAMINATION -I (2025 - 2026)

GRADE X

Date: 08.12.2025

Max Marks: 80

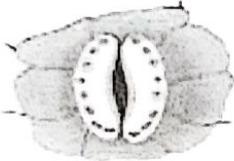
Subject: Science (Code - 086)

SET - I

Time: 3 hours

General Instructions:

- This question paper consists of 39 questions in 5 sections.
- All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
- Section A consists of 20 objective type questions carrying 1 mark each.
- Section B consists of 6 Very Short questions carrying 02 marks each. Answers to these questions should be in the range of 30 to 50 words.
- Section C consists of 7 Short Answer type questions carrying 03 marks each. Answers to these questions should be in the range of 50 to 80 words.
- Section D consists of 3 Long Answer type questions carrying 05 marks each. Answer to these questions should be in the range of 80 to 120 words.
- Section E consists of 3 source-based/case-based units of assessment of 04 marks each with subparts.

SECTION A		
1.	<p>Diagram of stomata of green leaf with guard cells is given below. Which one of the following conditions is true about stomata?</p>  <p>a) Large amount of water flows into the guard cell b) Gaseous exchange is occurring in large amount c) Large amount of water flows out from guard cells d) Large amounts of sugars collect in guard cell</p>	1
2.	<p>The force that blood exerts against wall of vessel is known as <u>1</u>, this pressure is greater in arteries than vein. The pressure of blood inside the artery during contraction is called <u>2</u> and the pressure in artery during relaxation is called <u>3</u>.</p> <p>Identify 1,2&amp;3.</p> <p>a) Systolic, diastolic &amp; BP b) BP, Diastolic &amp; Systolic c) BP, Systolic &amp; Diastolic d) Diastolic, BP &amp; Systolic</p>	1

3. The regulation of blood sugar levels is a classic example of a hormonal feedback mechanism. Which hormones are responsible for lowering and raising blood sugar levels, respectively?
- Glucagon and Insulin
  - Insulin and Glucagon
  - Adrenaline and Thyroxine
  - Thyroxine and Adrenaline

4. If the vas deferens in humans is blocked, which function is affected?
- Urine formation
  - Production of sperm
  - Transport of sperm
  - Production of testosterone

Ans: Option c)

Sperm will be produced but cannot reach the urethra.

5. A heterozygous light blue flower is crossed with heterozygous light blue flower. Based on the punnet square given, what is the expected phenotype ratio in  $f_2$  generation?

		pollen ♂	
		B	b
pistil ♀	B	 BB	 Bb
	b	 Bb	 bb

- 3 blue & 1 white
  - 3 white & 1 light blue
  - 1 blue, 2 white & 1 light blue
  - 1 blue, 2 light blue & 1 White
6. What will happen if deer is missing in the given food chain? Grass → Deer → Tiger.
- The tiger population would decrease.
  - The grass population would increase.
  - The entire food chain would be disrupted.
  - All of the above.
7. Which of the following is not a role of decomposers?
- Natural replenishment of soil
  - Enrichment of oxygen in the atmosphere

- c) Waste decomposition
- d) Breakdown of dead remains

In the following questions, a statement of assertion (A) is followed by a statement of reason (R). Mark the correct choice as:

- a) Both assertion (A) and reason (R) are true, and reason (R) is the correct explanation of assertion (A).
- b) Both assertion (A) and reason (R) are true, but reason (R) is not the correct explanation of assertion (A).
- c) Assertion (A) is true, but reason (R) is false.
- d) Assertion (A) is false, but reason (R) is true.

8. Assertion: Biological magnification is caused due to accumulation of non-biodegradable toxins in the organism at each successive tropic level.  
Reason: Biological magnification leads to maximum accumulation of chemical in top carnivore

9. Assertion: In humans, father's genetic contribution determines the sex of the offspring. Reason: Mother's genetic contribution determines the sex of the offspring as she has X & Y chromosomes.

10. a. How is ozone formed? Illustrate with an equation.  
b. It has been observed that ozone layer is getting depleted. Name the compound responsible for ozone depletion.

11. An athlete experiences sudden muscle cramps during an intense race. Explain how both aerobic and anaerobic respiration are involved in this situation.

OR

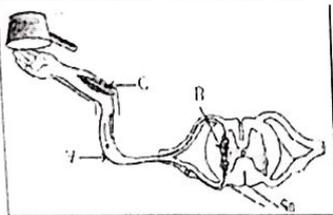
Differentiate between nephron and alveoli on the basis of function and the system that it is associated with.

Ans: During the race, the athletes muscle first perform aerobic respiration to release energy using oxygen. When the oxygen supply becomes insufficient, the muscles switch to anaerobic respiration, producing lactic acid which causes muscle cramps and pain.

12. Describe the stages of nutrition in amoeba with the help of a neat diagram.

13. In the given diagram

- i. Name the parts labelled A, B, and C.
- ii. Reflex arcs have evolved in animals? Justify.



14

a) In an asexually reproducing species if a trait X exists in 5% of the population and trait Y exists in 70% of the population, which of the 2 traits is likely to have arisen earlier? Explain. A trait may be inherited but cannot be expressed. Justify this statement with a suitable example.

15

Two potted plants are kept in two different conditions.

Plant A – In bright sunlight with dry air.

Plant B – In a shady room with high humidity

After a few hours, the plant A shows more wilting compared to plant B

Based on above situation, answer the following?

a) Identify the plant in which transpiration rate is high and give reason.

b) How does increased transpiration affect translocation of food and water inside the plant?

c) Mention one adaptation in plants that helps to reduce transpiration in dry condition.

Ans: a) Transpiration rate is high in Plant A because bright sunlight increases opening of stomata and dry air has low humidity, so more water evaporates from leaf surface.

b) More transpiration creates strong transpirational pull, increased water flow helps to maintain pressure for translocation of food in phloem.

c) Thick cuticle or sunken stomata or narrow leaves or reduced number of stomata

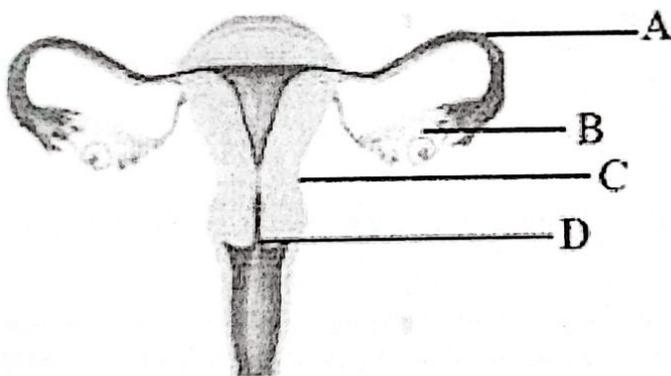
OR

a) Why is it necessary to separate oxygenated and deoxygenated blood in mammals and birds?

b) Explain the term double circulation.

16

Observe the diagram given below & answer the questions



a) Identify A, B, C & D

b) Fertilization in humans is internal, identify the site where it occurs with reference to the diagram.

c) What happens to the egg and the uterine lining if the fertilization does not take place? Explain.

OR

a) Where are the testes located in human males & why?

b) Mention 2 functions of testes.

c) Name the surgical procedure in males & females to prevent pregnancy

## SECTION B

17	Balance the following equation by identifying the correct co-efficient. $3\text{MnO}_2(\text{s}) + 4\text{Al}(\text{s}) \rightarrow 3\text{Mn}(\text{l}) + 2\text{Al}_2\text{O}_3(\text{s}) + \text{heat}$ a) 4,3,2,3 b) 3,4,3,2 c) 1,4,3,2 d) 1,1,1,1	1
18	What happens when ammonia reacts with hydrogen chloride? $\text{NH}_3 + \text{HCl} \rightarrow ?$ a) Both $\text{H}_2$ and $\text{NH}_4\text{Cl}$ formed b) $\text{Cl}_2$ gas is evolved c) $\text{H}_2$ gas is evolved d) $\text{NH}_4\text{Cl}$ is formed	1
19	Which of the following statement is not true? a) Na, K & Li can be cut with knife b) Gallium & Caesium have low melting points c) Mercury exists in liquid form d) <u>The metal diamond</u> is the hardest element on the earth	1
20	When dissolved in water, which of the following oxides is most likely to form a solution with a pH value greater than 7? a) $\text{SO}_2$ (Sulphur dioxide) b) $\text{CO}_2$ (Carbon dioxide) c). $\text{K}_2\text{O}$ (Potassium oxide) d) $\text{N}_2\text{O}_5$ (Dinitrogen pentoxide)	1
21	Tooth enamel which is the hardest substance in the body is made up of calcium hydroxyapatite, which is crystalline form of? a) Calcium sulphate b) Calcium oxalate c) Calcium Nitrate d) Calcium phosphate	1

22

20 Match the following with the correct response:

Column	Column
(i) Addition reaction	(a) Hydrogenation ✓
(ii) Substitution reaction	(b) Methanol ✓
(iii) Denaturation	(c) Carbon tetrachloride ✓
(iv) Esterification	(d) Ethyl ethanoate

A) (i) - (b), (ii) - (d), (iii) - (a), (iv) - (c)

B) (i) - (a), (ii) - (c), (iii) - (b), (iv) - (d) ✓

C) (i) - (c), (ii) - (b), (iii) - (d), (iv) - (a)

D) (i) - (d), (ii) - (a), (iii) - (c), (iv) - (b)

23

Turmeric is extensively used in Indian cooking, this herb gives a distinct yellow colour to the food it is used in. This has colour-changing properties, making it a natural acid-base indicator. What is the colour change observed when it is exposed to a basic solution?

- a) Turns red
- b) Turns blue
- c) Turns pink
- d) Turns brown

In the following questions, a statement of assertion (A) is followed by a statement of reason (R). Mark the correct choice as:

- (a) Both assertion (A) and reason (R) are true, and reason (R) is the correct explanation of assertion (A).
- (b) Both assertion (A) and reason (R) are true, but reason (R) is not the correct explanation of assertion (A).
- (c) Assertion (A) is true, but reason (R) is false.
- (d) Assertion (A) is false, but reason (R) is true.

24	<p>Assertion (A): Rainwater conducts electricity but distilled water does not conduct electricity.</p> <p>Reason (R): Tap water conducts electricity as it contains ions whereas distilled water does not contain ions.</p>	1
25	<p>What are amphoteric oxides? Explain with the help of suitable examples.</p>	2
26	<p>a) Show the formation of the compound calcium chloride by transfer of electrons.</p> <p>b) Pure gold is alloyed with 2 metals to increase its malleability and ductility. Name those 2 metals.</p> <p>OR</p> <p>Differentiate between roasting and calcination with suitable examples.</p>	3
27	<p>A metal Nitrate A on heating produces a metal oxide, along with a brown-coloured gas B and a colourless gas which supports combustion. Aqueous solution of A reacts with potassium iodide to form a yellow precipitate.</p> <p>a) Identify A &amp; B</p> <p>b) Write the equation for decomposition of A and the reaction of A with potassium iodide.</p>	3
28	<p>Salt pans found in wetlands of Andhra Pradesh, Tamil Nadu and Maharashtra are used for production of salt and important for coastal protection against flooding. These low-lying areas allow sea water to flow in, evaporate &amp; leave behind salt crystals which are harvested by salt workers. This salt is used for manufacture of various sodium compounds.</p> <p>a) What is the pH of acid used in the formation of common salt in the lab?</p> <p>b) Chlor alkali process uses Salt as starting material. Write the balanced chemical equation for chlor alkali process.</p> <p>c) Write the formation of Bleaching powder and its 2 uses.</p> <p>OR</p> <p>Write the formation of Plaster of Paris and its 2 uses.</p>	4

29 Attempt either option A or B.

(A) Ethanoic acid ( $\text{CH}_3\text{COOH}$ ) is a carboxylic acid that shows several important chemical reactions.

(a) Write the balanced chemical equation for the reaction of ethanoic acid with:

- (i) Sodium metal
- (ii) A solution of Sodium Hydroxide
- (iii) Solid Sodium Carbonate

(b) Why is pure ethanoic acid often called 'glacial acetic acid'?

(c) What is the common name for a 5-8% aqueous solution of ethanoic acid?

OR

(B) a) Element X with electronic configuration of 2,5, forms a molecule by sharing its electrons. Represent the formation of this molecule X and identify the element.

b) Write the structure of 1-Hexyne and 2,2 di methyl propane.

c) Write the names of the following compounds

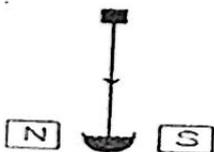
- i)  $\text{CH}_3\text{-CO-CH}_2\text{-CH}_3$
- ii)  $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{Br}$
- iii)  $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$
- iv)  $\text{CH}_3\text{COOC}_2\text{H}_5$

### SECTION C

30 One end of a wire carrying current in the downward direction is placed in a trough containing mercury (so that the direction of force experienced by it is clearly visible). Two pole pieces N and S are placed on each side as shown in the diagram (so as to provide uniform magnetic field).

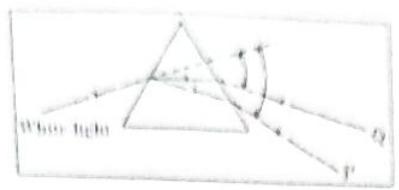
What is the direction of force experienced by the wire?

- a) Away from the observer
- b) Constant position
- c) Upward from the observer
- d) Towards the observer



31 In the following diagram showing dispersion of white light by a glass prism, the colours P and Q respectively are -

- a) Violet and red
- b) Orange and Green
- c) Red and blue
- d) Red and Violet



In the following questions, a statement of assertion (A) is followed by a statement of reason (R). Mark the correct choice as:

- (a) Both assertion (A) and reason (R) are true, and reason (R) is the correct explanation of assertion (A).
- (b) Both assertion (A) and reason (R) are true, but reason (R) is not the correct explanation of assertion (A).
- (c) Assertion (A) is true, but reason (R) is false.
- (d) Assertion (A) is false, but reason (R) is true.

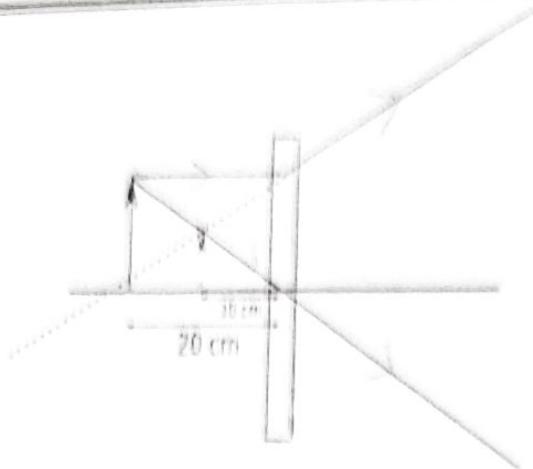
32 **Assertion (A):** Two bar magnets attract when they are brought near to each other with the same pole.  
**Reason (R):** Unlike poles will attract each other.

33 An object 5 cm in length is placed 25 cm away from a convex lens of focal length 10 cm. A. Use the lens formula to calculate the image distance.  
(a) Find the size of the image using magnification.  
(b) State the nature of the image

34 A potential difference of 220 V is applied across a resistance of 440  $\Omega$  in an electric appliance.  
(i) Find the current.  
(ii) Heat energy produced is 30s.

OR

Several electric bulbs designed to be used on a 220V electric supply line are rated 10W. How many lamps can be connected in parallel with each other across the two wires of 220V line if the maximum allowable current is 5A?



The above image shows the formation of an image with an optical instrument.

A. Identify the optical instrument (shown schematically as a rectangle) in the image.

B. What type of image is formed in this case?

Based on the measurements given in the image, calculate the focal length of the instrument.

36 Two identical resistors are first connected in series and then in parallel, find the ratio of equivalent resistance in two cases.

3

37 i. A current through a horizontal power line flows in the east to west direction. What is the direction of the magnetic field at a point directly below it and at a point directly above it?

3

ii. List two methods of producing magnetic fields.

38 The spherical mirror is a special type of mirror which forms different types of images when the object is placed at different locations, when the image is formed on screen, it is real and when the image is not formed on the screen it is virtual. When two reflected rays meet actual, the image is real and when they appear to meet the image is virtual.

4



A convex mirror always forms virtual and erect image for all positions of the object. A concave mirror forms a real and inverted image for different positions of the object but when object is placed between focus and pole, it forms virtual and erect image. A concave mirror is used as doctor's head mirror to focus light on the body parts, like

eyes, ears, nose etc; to be examined because it can form erect and magnified image of the object. The convex mirror is used as rear view mirror in automobiles because it can form small and erect image of the background.

(i) What is the difference between real and virtual image?

(ii) Why a convex mirror has a wider field of view?

(iii) Why is concave mirror used by doctors during examination of body parts like eyes, ears and nose?

OR

Explain why convex mirror is used as rear view mirror in automobiles?

39 Attempt either option A or B.

A. A household uses the following electric appliances:

(i) refrigerator of rating 400 W for 10 hours each day.

(ii) two electric fans of rating 80 W each for 6 hours daily.

(iii) six electric tubes of rating 18 W each for 6 hours daily.

Calculate the electricity bill for the household for month of June, if cost of electrical energy is Rs.3 per unit.

OR

B. i) The values of current  $I$  flowing in a given resistor for the corresponding values of potential difference  $V$  across the resistor are given below:

$I$  (ampere) 0.5 1.0 2.0 3.0 4.0

$V$  (volt) 1.6 3.4 6.7 10.2 13.2

Plot a graph between  $V$  and  $I$  and calculate the resistance of the resistor.

ii) State the law related to the above situation.

Ans: Ohm's law – The potential difference  $V$ , across the ends of a given metallic wire in an electric circuit is directly proportional to the current flowing through it, provided its temperature remains the same.

\*\*\*\*\*



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

PRE-BOARD EXAMINATION -I (2025 - 2026)

GRADE X

Date: 08.12.2025

Max Marks: 80

Subject: Science (Code - 086)

SET - 2

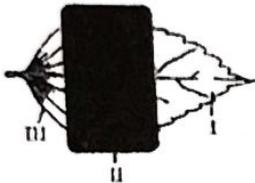
Time: 3 hours

**General Instructions:**

- This question paper consists of 39 questions in 5 sections.
- All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
- Section A consists of 20 objective type questions carrying 1 mark each.
- Section B consists of 6 Very Short questions, carrying 02 marks each. Answers to these questions should be in the range of 30 to 50 words.
- Section C consists of 7 Short Answer type questions carrying 03 marks each. Answers to these questions should be in the range of 50 to 80 words.
- Section D consists of 3 Long Answer type questions carrying 05 marks each. Answer to these questions should be in the range of 80 to 120 words.
- Section E consists of 3 source-based/case-based units of assessment of 04 marks each with subparts.

**SECTION A**

1. Which part of the leaf will have starch when exposed to sunlight ?



- (A) I only                      (B) II only                      (C) I and III                      (D) III only

2. In a nerve cell, the site where the electrical impulse is converted into a chemical signal is known as:

- (A) Neuromuscular junction    (B) Dendrites                      (C) Axon                      (D) Cell body

3. In an ecosystem, the 10% of energy available for transfer from one trophic level to the next trophic level is in the form of:

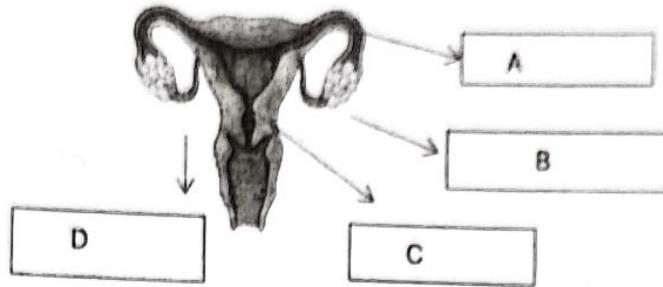
- (A) Heat energy                      (B) chemical energy  
(C) light energy                      (D) mechanical energy

4. Consider the following three flowers namely X, Y and Z. Which flower(s) would develop into a fruit?



- (A) X and Y only      (B) X only      (C) Y only      (D) Y and Z

5. Which part of the following is a site of implantation of the fertilized egg?



- (A) A      (B) B      (C) C      (D) D

6. What will happen if the deer are missing in the below food chain?  
Grass → Deer → Tiger

- (A) The population of tiger will increase  
(B) the population of grass will decrease  
(C) the population of tigers will decrease and population of grass will increase  
(D) the tiger will start eating grass

7. In the slides showing binary fission in Amoeba and Budding in Yeast, the correct observations are

- (A) The daughter cells of Amoeba and the bud of Yeast are smaller than their respective parental cells.  
(B) The daughter cells of Amoeba and the bud of Yeast are the same size as their parental cells.  
(C) The daughter cells of Amoeba are bigger than the parent cell but the bud of Yeast is smaller than the parent cell.  
(D) The daughter cells of Amoeba are smaller than the parent cell but the bud of Yeast is bigger than the parent cell.

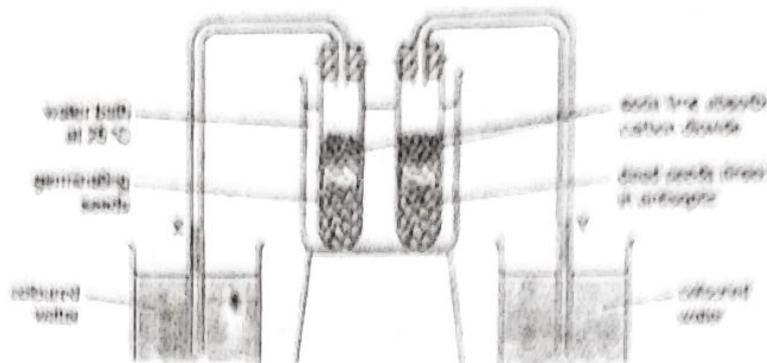
8. The following question consists of two statements – Assertion (A) and Reason (R). Answer these questions by selecting the appropriate option given below:

- A. Both A and R are true, and R is the correct explanation of A.  
B. Both A and R are true, and R is not the correct explanation of A.  
C. A is true but R is false.

	D. A is false but R is true. <b>Assertion:</b> CFCs deplete the ozone layer. <b>Reason:</b> CFCs are used as refrigerants.	
9.	<b>Assertion:</b> (A): Non-flowering plants cannot reproduce sexually. <b>Reason:</b> (R): Flower is the only reproductive part of the plant that can produce gametes.	1
10.	a) Construct a food chain of four trophic levels operating in a grassland. If the energy available to the organisms of 4th trophic level is 75 joules, how much energy was available with the organisms of the 2nd trophic level for transfer to the next trophic level? Justify your answer. b) Why is the flow of energy unidirectional in a food chain?	1
	<b>OR</b> a) What is meant by trophic level in a food chain? Construct a terrestrial food chain with four trophic levels. b) How is Ozone formed?	2
11	How is the movement of leaves of sensitive plant different from the movement of a shoot towards light?	2
12	Pollination may occur without fertilization but fertilization will not take place without pollination. Give reason to justify this statement.	2
13	If there were no algae, there would be no fish in the sea. Comment on the statement.	3
14	Food does not pass through the digestive system by "gravity" . This is clear from the fact that we can digest the food even if we are lying down. Explain the logic behind the passage of food through our digestive system.	3
15	.Read the following text carefully and answer the questions that follow: A pure bred pea plant with smooth seeds was crossed with a pure bred pea plant with wrinkled seeds. The F1 generation was self-pollinated to give rise to the F2 generation. i)What will be the genotypic ratio of the F2 generation? ii)What is the observation in the F2 generation? <b>OR</b> What is the alternative form of a gene called as ? iii)What do you mean by dominant and recessive traits? <b>OR</b> What is the law of dominance of traits? iv) If a round ,green seeded pea plant (RRyy) is crossed with wrinkled, yellow seeded pea plant (rrYY), what will be the type of seeds will be produced in F1 generation ?	4

16

A) A student conducts an experiment in the laboratory and sets the apparatus as shown below.

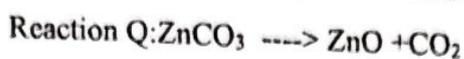
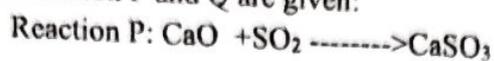


What observations were noticed after a duration of 1 hour in the experimental setup? Justify and write your inference.

### SECTION B

17

17. Reaction P and Q are given:



Which reaction is an example of a combination reaction and a decomposition reaction?

- (A) Both the reactions are examples of combination reaction  
 (B) Both the reactions are examples of a decomposition reaction  
 (C) Reaction P is an example of a combination reaction while reaction Q is an example of a decomposition reaction.  
 (D) Reaction P is an example of a decomposition reaction while reaction Q is an example of a combination reaction.

18

18. A student added few iron filings to 5mL of aluminium sulphate ( $\text{Al}_2(\text{SO}_4)_3$ ) solution in a test tube.

The correct observation for change in colour of solution by her was:

- (A) Colourless solution turned blue  
 (B) Blue solution turned colourless  
 (C) Pale green solution turned blue  
 (D) It remains colourless

19

19. Magnesium ribbon is burnt in air to form an ash which dissolved in water and the solution is filtered.

The solution turns:

- (A) Blue litmus to red since it is basic  
 (B) Red litmus to blue since it is basic  
 (C) Red litmus to blue since it is acidic  
 (D) Blue litmus to red since it is acidic

20. A sting from the insect A has pH of 6. The table shows the pH of four substances

Substance	pH
Hydrochloric acid	1
Vinegar	5
Sodium Hydrogen carbonate	8
Sodium hydroxide	14

Which substance is used to treat the sting?

(A) Vinegar

(B) Sodium Hydroxide

(C) Hydrochloric acid

(D) Sodium hydrogen carbonate

21. When a few drops of phenolphthalein indicator are added to sodium hydroxide solution, the colour acquired by it is:

(A) No specific colour

(B) Yellow

(C) Pink

(D) Red

22. Main Constituents of Bronze alloy are:

(A) Copper and zinc

(B) Copper and nickel

(C) Copper and magnesium

(D) Copper and Tin

23.  $x\text{Fe} + y\text{H}_2\text{O} \rightarrow z\text{Fe}_3\text{O}_4 + w\text{H}_2$

Which of the following values of X, Y, Z, W are correct?

(A) X=3, Y=4, Z=1, W=4

(B) X=2, Y=3, Z=1, W=3

(C) X=4, Y=3, Z=2, W=3

(D) X=1, Y=2, Z=1, W=2

The following question consists of two statements – **Assertion (A)** and **Reason (R)**. Answer these questions by selecting the appropriate option given below:

A. Both A and R are true, and R is the correct explanation of A.

B. Both A and R are true, and R is not the correct explanation of A.

C. A is true but R is false.

D. A is false but R is true

24. **Assertion (A):** Methane, ethane, and propane belong to the same homologous series.

**Reason (R):** They all contain the same functional group –OH.

25 (A) Metal X is formed in nature as sulphide  $X_2S_3$ . It is used in the galvanization of iron articles. Identify the metal X. How will you convert the sulphide ore into metal?

OR

- (B) Give reasons for the following
- (i) Aluminium oxide is called an amphoteric oxide
  - (ii) Hydrogen gas is not evolved when most of the metals react with nitric acid

26 A. Give reason  
ii) Aluminium is used in making utensils

27 Justify the following reaction as a redox reaction and identify all the components of a redox reaction in the given reaction.  
 $MnO_2 + HCl \rightarrow MnCl_2 + Cl_2 + H_2O$

28 Metals and nonmetals are the elements with distinct properties. They combine with each other and form compounds by transfer of electrons.

- a) What are ions? Give two examples of electropositive ions. (2)
- b) Draw the formation of Calcium chloride by electron dot structure. (2)

OR

Draw the formation of Aluminium Oxide by electron dot structure (2)

29 a) Write the name, molecular formula, and structural formula of the third member of the homologous series of:

- i) Alkenes
- ii) Alcohols

b) Describe a chemical test to distinguish between ethanol and ethanoic acid. Include the observations and the balanced chemical equations for the same.

OR

- a) Draw a soap molecule and explain the cleansing action of soap.
- b) What happens when hot and conc. Sulphuric acid is added to ethanol? Mention the role of conc. Sulphuric acid in this reaction? Explain with a balanced chemical equation.

SECTION C

30 The ratio of the magnitudes of powers of a converging and diverging lens is 3 : 2. When placed in contact, the effective focal length is 20 cm. The power of the converging lens is

- (A) 10 D
- (B) -10 D
- (C) 15 D
- (D) -15 D

31 (c) Magnetic field strength around a circular coil increases with increase in number of turns. Justify.

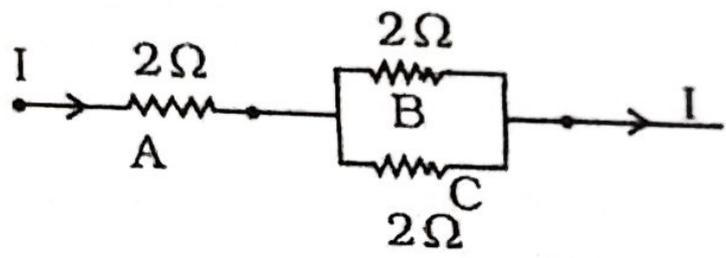
The following question consists of two statements - Assertion (A) and Reason (R). Answer these questions by selecting the appropriate option given below.

- A. Both A and R are true, and R is the correct explanation of A.
- B. Both A and R are true, and R is not the correct explanation of A.
- C. A is true and R is false.
- D. A is false and R is true.

32 **Assertion(A)** - Light rays undergo lateral displacement after passing through the glass slab.  
**Reason (R)** - Light rays will bend towards the normal while passing from a rarer to a denser medium.

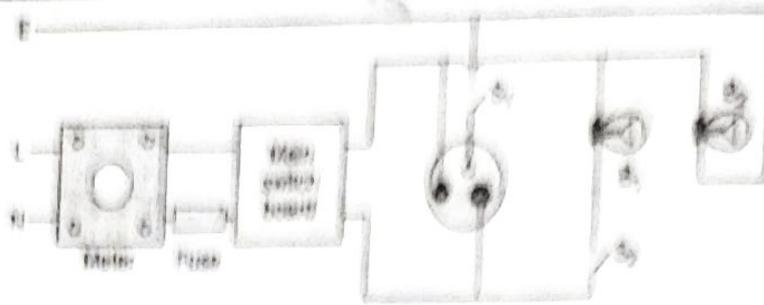
33 i) An object is placed at a distance of 15 cm in front of a convex mirror. Which of the two:  
a) 10 cm  
b) 20 cm, can be the distance of the image formed? Give reason.  
ii) Draw a ray diagram showing the use of a convex mirror as a rear view mirror.

34 B. Determine the maximum current that can flow through the resistance network below:



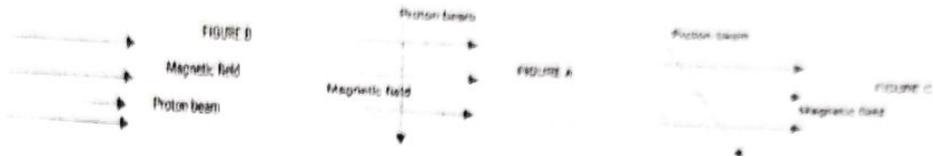
35 Give reasons for the following:  
a) The length of a day increases by 4 minutes.  
b) A prism deviates light.  
c) Danger signals are red in colour.

36 (i) Rakshit, a class X student was practicing domestic circuit diagram for his exam as given below. His friend Rohan identified the faults and suggested to make necessary changes. Imagine yourself as his friend and suggest any two changes to Rakshit.



(ii) A novice electrician suggested to use 5A fuse for a 2kW heater operated at 220V. Comment on his suggestion.

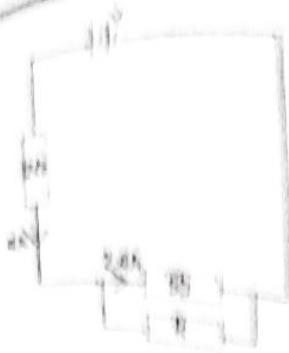
- 37 a) State the rule to determine the direction of force when the conductor is placed in a magnetic field.  
 b) The diagram shows the entry of a beam of protons in a magnetic field.



Identify the case in which the force experienced by the beam is  
 a) maximum b) minimum. Give reasons for both.

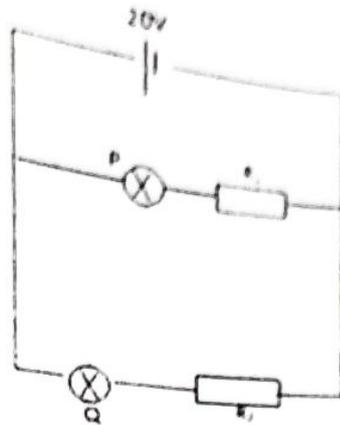
- 38 LASIK is a popular type of eye surgery that uses a laser to reshape the cornea to correct common vision problems like nearsightedness, farsightedness and astigmatism etc. The common goal is to improve vision and reduce or eliminate a person's dependence on glasses or contact lenses.
- What is the function of cornea in the human eye?
  - Draw ray diagram depicting the above situation
  - List the causes of hypermetropia. Draw the ray diagram showing the defect.
- (or)
- List the causes of myopia. Draw the ray diagram showing the defective eye.

- 38 Attempt either A or B  
 5
- Define electric power. Express it in terms of I and R mathematically.
  - In the given below, calculate resistance, R and V of the battery.



(OR)

3. a) State the commercial unit of electrical energy. Express it in joules.
- b) Two bulbs P and Q are rated (24W, 12 V) and (10W, 10 V) respectively. They are connected such that they both operate with at their rated voltages in a circuit as shown below. Calculate resistances R<sub>1</sub> and R<sub>2</sub>.



\*\*\*\*\*



Date: 08.12.2025

Max Marks: 80

Subject: Science (Code - 086)

SET - 3

Time: 3 Hours

**General Instructions:**

- This question paper consists of 39 questions in 5 sections.
- All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
- Section A consists of 20 objective type questions carrying 1 mark each.
- Section B consists of 6 Very Short questions carrying 02 marks each. Answers to these questions should be in the range of 30 to 50 words.
- Section C consists of 7 Short Answer type questions carrying 03 marks each. Answers to these questions should be in the range of 50 to 80 words.
- Section D consists of 3 Long Answer type questions carrying 05 marks each. Answer to these questions should be in the range of 80 to 120 words.
- Section E consists of 3 source-based/case-based units of assessment of 04 marks each with subparts.

Section - A		Marks
1	<p>Which part of the leaf will have starch when exposed to sunlight?</p> <p>green region    white region</p> <p>black paper on both sides of leaf</p> <p>A. B only B. C only C. D only D. Band C</p> <p><b>For Visually impaired students:</b></p> <p>During a practical experiment, a student covers a part of a green leaf with black paper and exposes the leaf to sunlight for a few hours. After testing the leaf for starch, which part will <b>not</b> show the starch presence?</p> <p>A. The covered part of the leaf B. The uncovered green part of the leaf C. The veins of the leaf D. The entire leaf</p>	1

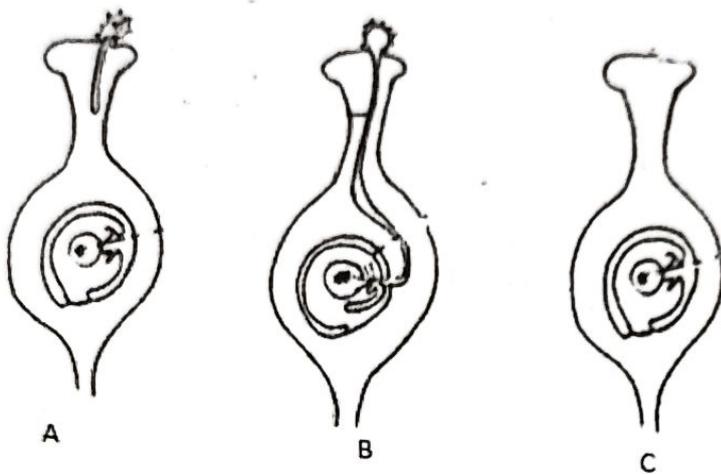
2 In a nerve cell, the site where the electrical impulse is converted into a chemical signal is known as:

- A. Synapses
- B. Dendrites
- C. Axon
- D. Cell body

3 In an ecosystem, the 10% of energy available for transfer from one trophic level to the environment is in the form of:

- A. chemical energy
- B. heat energy
- C. light energy
- D. mechanical energy

4 Consider the following three images namely X, Y and Z. Which image would develop into a fruit?



- A. A and B only
- B. A only
- C. B only
- D. B and C

**For Visually Impaired Students:**

Three reproductive parts of a flowering plant are described as follows:

- X – The flower part that contains the ovules.
- Y – The male reproductive part that produces pollen.
- Z – The brightly colored part that attracts insects.

Which of these parts will develop into a fruit?

- A. X
- B. Y
- C. Z
- D. Y and Z

5	<p>Which is the correct sequence of the components of a reflex arc?</p> <p>(A) Receptors → Muscles → Sensory neuron → Motor neuron → Spinal cord</p> <p>(B) Receptors → Motor neuron → Spinal cord → Sensory neuron → Muscle</p> <p>(C) Receptors → Spinal cord → Sensory neuron → Motor neuron → Muscle</p> <p>(D) Receptors → Sensory neuron → Spinal cord → Motor neuron → Muscle</p>	1
6	<p>A health officer observes that many children in a hilly village show symptoms such as tiredness, slow growth, and swelling of the neck. Medical tests reveal low levels of thyroxine in their blood. The officer advises the community to modify their diet to solve the problem. Which of the following actions would best address the cause of their low thyroxine levels?</p> <p>A. Increasing calcium intake to strengthen bones</p> <p>B. Using iodized salt to compensate for iodine-poor soil and water</p> <p>C. Reducing iron-rich foods to prevent thyroid blockage</p> <p>D. Drinking more water to improve thyroid function</p>	1
7	<p>Which of the following statements correctly describes the role of the lymphatic system in the transport of substances in the human body?</p> <p>A) Lymph transports oxygen and carbon dioxide directly between tissues and blood.</p> <p>B) Lymph returns excess tissue fluid, proteins, and lipids absorbed from the intestine back to the bloodstream, helping maintain fluid balance.</p> <p>C) Lymph carries hormones from endocrine glands to target organs.</p> <p>D) Lymph directly transports glucose from the digestive tract to all body cells.</p>	1
<p><b>Question No. 8 and 9 consist of two statements –</b></p> <p><b>Assertion (A) and Reason (R). Answer these questions by selecting the appropriate option given below:</b></p> <p>a. Both A and R are true, and R is the correct explanation of A.</p> <p>b. Both A and R are true, but R is not the correct explanation of A.</p> <p>c. A is true, but R is false.</p> <p>d. A is false, but R is true.</p>		
8	<p>Assertion (A): Reuse is better than recycling.</p> <p>Reason (R): Recycling of products leads to the consumption of additional resources and energy.</p>	1
9	<p>Assertion (A): Plants require less energy than animals for carrying out life processes.</p> <p>Reason (R): Plants do not move from place to place and carry out most internal processes through passive mechanisms like diffusion and osmosis.</p>	1
10	<p>a) Construct a food chain of four trophic levels operating in a grassland. If the energy available to the organisms of 4th trophic level are 75 joules, how much energy was available</p>	2

with the organisms of the 2<sup>nd</sup> trophic level for transfer to the next trophic level? Justify your answer.

b) Why is the flow of energy unidirectional in a food chain?

OR

The chart below shows the concentration of DDT in organisms at different trophic levels within a simple food chain

Algae → zooplankton → mackerel → sea gull  
0.4ppm    0.5ppm            5 ppm    25 ppm

a) Explain why the concentration of DDT increases drastically from the algae to the sea gull.

b) How is Ozone formed?

11 Genes control the expression of characters in organisms. Explain this statement with reference to tallness in plants. 2

OR

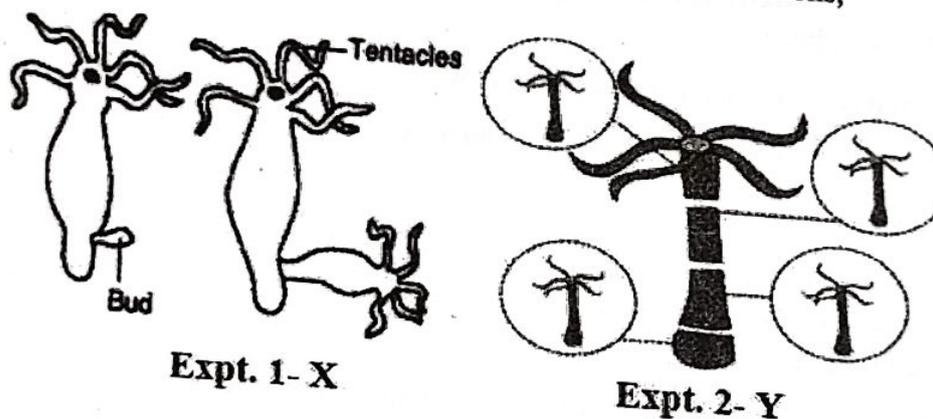
In rabbits, black fur (B) is dominant over white fur (b). A black rabbit crossed with a white rabbit (bb). After the cross, the offspring produced are: 75% black-fur rabbits and 25% white-fur rabbits

1. Determine the genotypes of the black parent.

2. Draw and explain Punnett square to support the conclusion where the offspring was 75 % black and 25% white

12 Coiling of a pea plant tendril and the closing of leaves in a touch-me-not plant both appear as responses to stimuli. How do these two responses differ in terms of their causes and the mechanisms involved? 2

13 A scientist conducted two separate experiments on two different hydra species X and Y, both living in nutrient rich pond water under favorable conditions, 2



a. Identify the process observed in Expt. 1- X and Expt.2-Y.

b. Which of the 2 processes is primarily considered a mode of reproduction to increase the population. Justify.

14

Pure breeds of tall yellow seeded plants are crossed with pure breed of dwarf green seeded plants. It is found that plants which look like one of the parents do not appear in the  $F_1$  generation but remerge in the  $F_2$  generation.

- With the help of a cross analyze the data given and state reasons for the same.
- What is the conclusion drawn from this experiment?

15

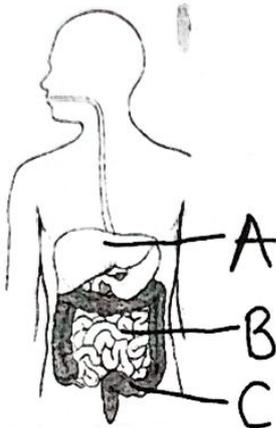
Read the following text carefully and answer the following questions:

A Pure-bred pea plant with smooth seeds (dominant characteristic) were crossed with pure-bred pea plants with wrinkled seeds (recessive characteristic). The  $F_1$  generation obtained was self-pollinated to give rise to the  $F_2$  generation. Answer the following questions:

- What is the expected observation in the  $F_1$  generation of plants?
- What is the expected observation in the  $F_2$  generation of plants?
- If a genotype consists of different types of alleles, what is it called?
- Which of the following will be the **genotypic ratio** of the given  $F_2$  generation?
  - 1 SS : 2 Ss : 1 ss
  - 3 SS : 1 ss
  - 2 SS : 1 Ss : 1 ss
  - 1 SS : 1 Ss : 2 ss

16

In the given diagram, identify A, B C and write its function



Explain the role of pancreas in the process of digestion of food.

OR

- With the help of an experiment, it prove that Carbon dioxide is released during respiration.
- While riding a bicycle, your brain sends signals to your legs to start pedaling and receives messages from your eyes about the road ahead. Which part of the nervous system is responsible for carrying these signals between the brain and the rest of the body?

17	<p>Three beakers labelled as A, B and C each containing 25 ml of water were taken. A small amount of NaOH, anhydrous <math>\text{CuSO}_4</math> and NaCl were added to the beakers A, B and C respectively. It was observed that there was an increase in the temperature of the solution contained in beakers A and B, whereas in case of beaker C, the temperature of the solution falls. Which one of the following statement(s) is (are) correct?</p> <p>(i) In beakers A and B, exothermic process has occurred.  (ii) In beakers A and B, endothermic process has occurred.  (iii) In beaker C exothermic process has occurred.  (iv) In beaker C endothermic process has occurred.</p> <p>(a) (i) only  (b) (ii) only  (c) (i) and (iv)  (d) (iv), (ii) and (iii)</p>	1
18	<p>When <math>\text{SO}_2</math> gas is passed through a saturated solution of <math>\text{H}_2\text{S}</math>, which of the following reactions occurs?</p> <p>(a) <math>\text{SO}_2 + 2\text{H}_2\text{S} \rightarrow 2\text{H}_2\text{O} + 3\text{S}</math>  (b) <math>\text{SO}_2 + 2\text{H}_2\text{S} \rightarrow \text{H}_2\text{O} + 3\text{S}</math>  (c) <math>\text{SO}_2 + \text{H}_2\text{S} \rightarrow \text{H}_2\text{O} + \text{S}</math>  (d) <math>\text{SO}_2 + \text{H}_2\text{O} \rightarrow \text{SO}_3 + \text{H}_2</math></p>	1
19	<p>In the balanced equation, <math>\text{Cu} + x\text{HNO}_3 \rightarrow \text{Cu}(\text{NO}_3)_2 + y\text{NO}_2 + 2\text{H}_2\text{O}</math> the values of x and y are</p> <p>(a) 3 and 5                      (b) 8 and 6  (c) 4 and 2                      (d) 7 and 1</p>	1
20	<p>Soda-acid fire extinguishers work by producing carbon dioxide gas, which cuts off the oxygen supply to a fire. The gas is produced by the reaction of sulphuric acid with:</p> <p>(a) Sodium carbonate              (b) Calcium carbonate  (c) Sodium hydroxide              (d) Sodium hydrogen carbonate</p>	1
21	<p>An aqueous solution turns the red litmus solution blue. Excess addition of which of the following solutions would reverse the change?</p> <p>(a) Baking powder  (b) Lime  (c) Ammonium hydroxide solution  (d) Hydrochloric acid</p>	1
22	<p>Zinc granules on treating with an acid X, form the zinc sulphate (<math>\text{ZnSO}_4</math>) salt along with the evolution of a gas Y which burns with a pop sound when brought near to a burning candle. Identify the acid X and gas evolved Y.</p>	1

- (a) X- Sulphuric acid and Y- Oxygen gas
- (b) X- Hydrochloric acid and Y- Oxygen gas
- (c) X- Sulphuric acid and Y- Hydrogen gas
- (d) X- Hydrochloric acid and Y- Hydrogen gas

- 23 In thermite welding a mixture of ..... and ..... is ignited with a burning magnesium ribbon which produces molten iron metal as a large amount of heat is evolved.
- (a) iron (III) oxide and aluminium powder
  - (b) iron (II) oxide and aluminium powder
  - (c) iron (III) chloride and aluminium powder
  - (d) iron (III) sulphate and aluminium powder

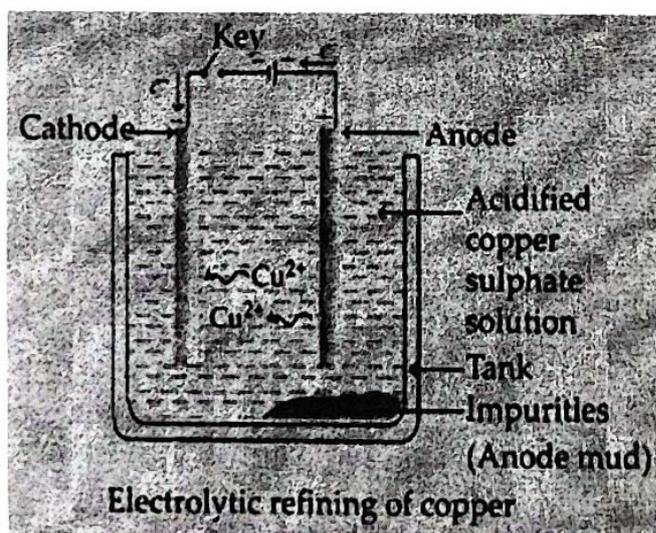
The following question consists of two statements – **Assertion (A)** and **Reason (R)**. Answer these questions selecting the appropriate option given below:

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

- 24 **Assertion (A):** Propane burns with a clean, non-sooty flame.

**Reason (B):** Propane is a saturated hydrocarbon, and the percentage of carbon is low, allowing for complete combustion.

- 25 The following activity is set-up in the science lab by the teacher.



He took a thick block of impure copper as anode and a thin strip of pure copper as cathode

	<p>in an acidified copper sulphate solution and connected the circuit for electrolysis. After some time, he observed that the cathode became thicker, and a layer of impurities was seen at the bottom of the tank.</p> <p>If the teacher replaces impure copper with a pure copper block at the anode, will the students' observation change? Justify your answer.</p>	
26	<p><u>Attempt either option A or B</u></p> <p>A. Give reasons-</p> <p>(i) Platinum, gold &amp; silver are used to make jewellery.</p> <p>(ii) Aluminium is a highly interactive metal, yet it is utilised to make utensils for cooking.</p> <p>(iii) Carbonate &amp; sulphide ores are generally converted into oxides during the process of extraction.</p> <p style="text-align: center;"><b>OR</b></p> <p>B. Metal oxides are formed when metals react with oxygen. Their chemical nature can vary.</p> <p>(i) Give an example of a metal oxide that is basic.</p> <p>(ii) Give an example of a metal oxide that shows amphoteric behavior.</p> <p>(iii) Write a balanced chemical equation to show the reaction of an amphoteric oxide with a strong acid.</p>	3
27	<p>What is meant by skeletal type chemical equation? What does it represent? Using the equation for electrolytic decomposition of water, differentiate between a skeletal chemical equation and a balanced chemical equation.</p>	3
28	<p>A chemistry teacher was discussing how atoms form ionic bonds. She explained that metals tend to lose electrons, whereas non-metals tend to gain electrons, resulting in the formation of positively and negatively charged ions. To illustrate this concept, she demonstrated the formation of sodium chloride (NaCl). In this process, a sodium atom donates one electron to a chlorine atom, leading to the creation of oppositely charged ions that attract each other to form an ionic compound.</p> <p>(a) Identify which element is the electron donor and which is the electron acceptor in NaCl formation.</p> <p>(b) Draw the electron dot structure for NaCl and explain why it is called an ionic bond.</p> <p>(c) Why do ionic compounds have high melting and boiling points?</p>	4



- a) Refraction, Internal reflection, Dispersion
- b) Dispersion, Refraction, Internal reflection
- c) Refraction, Dispersion, Internal reflection
- d) Dispersion, Internal reflection, Refraction

32

**Assertion (A) :** A converging lens is used as a magnifying glass.

**Reason (R) :** When an object is placed between the focal length and the optical center of a converging lens, it forms a virtual, erect, and magnified image.

- a) Both A and R are true, and R is the correct explanation of A.
- b) Both A and R are true, and R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

33

An object 5 cm long is placed 20 cm in front of a convex mirror of radius of curvature 30 cm.

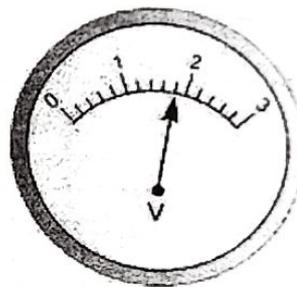
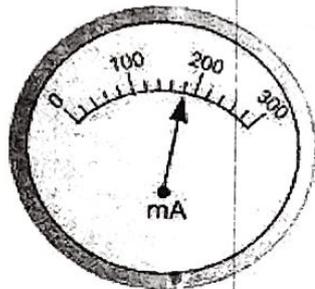
- a) Calculate the focal length of the mirror and
- b) the image distance.

34

**Attempt either option A or B.**

**A.** The current flowing through a resistor connected in an electrical circuit and the potential difference developed across its ends are shown in the given ammeter and voltmeter.

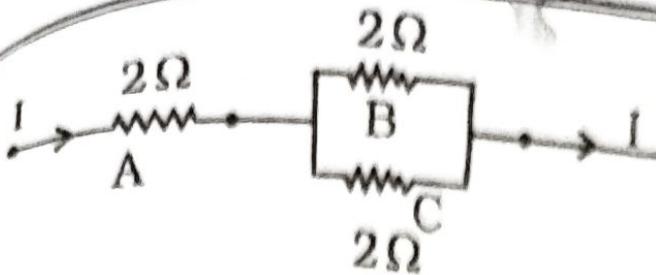
- a) Determine the least count of the voltmeter and ammeter.
- b) What is the voltage and the current across the given resistor?



**(OR)**

**B.** Three  $2\ \Omega$  resistors, A, B, and C, are connected as shown in the figure. Each of them dissipates energy and can withstand a maximum power of 18 W without melting.

Determine the maximum current that can flow through the three resistors.



*For visually impaired students:*

A. We have four resistors A, B, C and D of resistance  $3\ \Omega$ ,  $6\ \Omega$ ,  $9\ \Omega$  and  $12\ \Omega$  respectively. Find out the lowest resistance which can be obtained by combining these four resistors.

35

While sitting in the last row, a student has difficulty in reading the blackboard clearly.

3

- State the defect of vision the student is suffering from.
- Mention two causes of this defect.
- Draw and label the diagram that shows the defect of vision in the above case before correction.

*For Visually Impaired students:*

- Explain the corrective measure for the given defect.

36

A torch bulb is rated  $5.0\ \text{V}$  and  $500\ \text{mA}$ . Calculate

3

- its power
- resistance and
- energy consumed when it is lighted for four hours.

37

- State Right-hand Thumb rule.
- A long horizontal power line is carrying a current of  $100\ \text{A}$  in the east-west direction. What is the direction of the magnetic field at a point  $1.0\ \text{m}$  below it?
- What type of curve do we obtain between the magnetic field and the distance along the axis of a current-carrying circular coil?

3

38

A concave mirror forms an image of an object thrice its size on a screen. Magnification of a mirror gives information about the size of the image relative to the object. It is defined as the ratio of the size of the image to the size of the object. It is represented by  $m$ .

4

$$m = \text{Size of object} / \text{Size of image}$$

The sign of magnification by the mirror gives information about the nature of the image produced by it.

- Describe the nature of the image that formed.
- If the object is at  $X$  distance from the pole of the mirror, then find the image distance from the pole.

**Attempt either subpart c or d.**

c) If the radius of curvature of the mirror is  $R$ , then write the relation between object distance, image distance, and focal length of the mirror.

(OR)

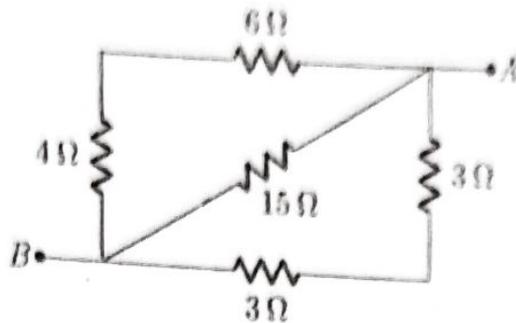
d) Give two uses of a concave mirror

30

Attempt either option A or B.

A. (i) List two disadvantages of using a series circuit in homes.

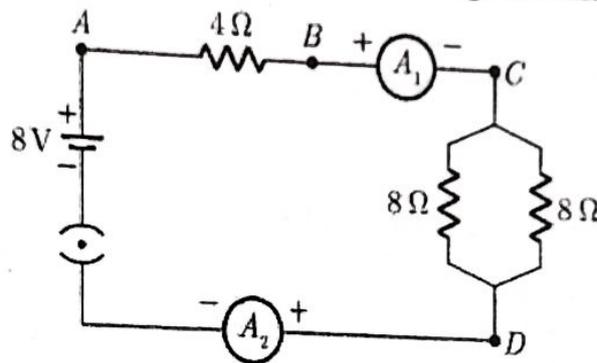
(ii) Calculate the effective resistance between A and B in the circuit given below:



iii) Why do we need a 5 A fuse for an electric iron that consumes 1 kW power at 220 V?

(OR)

B. Find out the following in the electric circuit given in the figure:



(i) Effective resistance of two  $8 \Omega$  resistors in the combination.

(ii) Current flowing through  $4 \Omega$  resistor.

(iii) Potential difference across  $4 \Omega$  resistance.

(iv) Power dissipated in  $4 \Omega$  resistor.

(v) Difference in ammeter readings, if any.

**For Visually impaired students:**

A. Why must the fuse be placed in series with the main supply line, while all household appliances are connected in parallel with one another?

B. Two resistors, one with resistance 4 ohms and the other with resistance 8 ohms, are connected in parallel across a 12-volt battery. The circuit is switched on and runs for 10

minutes.

- (i) Calculate the total heat energy produced by both resistors during this time.
- (ii) Each resistor has a maximum power rating of 50 watts. Is it safe to use these resistors in the circuit? Explain your answer.

\*\*\*\*\*



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

PRE-BOARD EXAMINATION -1 (2025 - 2026)

GRADE X

Date: 19.12.2025

SET - 1

Max Marks: 80

Subject: SOCIAL SCIENCE (087)

Time: 3 hours

**GENERAL INSTRUCTIONS:**

1. There are 38 questions in the Question paper. All questions are compulsory.
2. The question paper has Four Sections – A-History, B-Geography C- Political Science, and D -Economics.
3. Each Section is of 20 Marks and has MCQs, VSA, SA, LAs and CBQ.
4. Very Short Answer Type Questions (VSA), carry 2 marks each.
5. Short Answer Type Questions (SA), carry 3 marks each
6. Long answer type questions (LA), carry 5 marks each.
7. There are case based questions (CBQ) with three sub questions and are of 4 marks each.
8. The map-based questions in Geography carry 4 marks.
9. There is no overall choice in the question paper. However, an internal choice has been provided in few questions. Only one of the choices in such questions must be attempted.

**SECTION A  
HISTORY (20 MARKS)**

1. Match the following and choose the correct option: 1

1. Plebiscite	a) An abstract idea is expressed through a person
2. The Grimm Brothers	b) System of Ideas reflecting a particular social and political vision
3. Ideology	c) A direct vote
4. Allegory	d) Folktales and Nation-Building

options :

- a) 1-d ,2-a 3-c 4- b
- b) 1- b , 2-a , 3- c , 4- d
- c)1- c ,2-d ,3- b ,4 -a
- d) 1 d , 2 a , 3 d , 4 c

2. Identify the picture and mention its significance : 1



3. In the 19th century, print became an important tool for reformers in India. Which role did print culture play in the 19th century Indian Society? 1

- a) Reduced Literacy
- b) Spread of Superstitions
- c) Encouraged colonialism
- d) Promoted social reform and awareness

4. In 1928, Vallabhbhai Patel led the peasant movement in Bardoli, Gujrat, against 1

- a) Royalty
- b) Enhancement of Land Revenue
- c) Social Reforms
- d) British Police

5. Consider yourself as a peasant of Uttar Pradesh in 1920 Write your reactions to Gandhiji 's call for Swaraj. 2

6. Describe any three measures introduced by the French Revolutionaries to create a sense of collective identity amongst the French people. 3

OR

How was the history of nationalism in Britain unlike the rest of Europe?

7. By the end of the 19th century, a new form of Publication was taking shape in India. Explain the statement with suitable examples. 5

or

What do you know about the Vernacular Press Act?

8. Read the given text and answer the following Questions: (1+1+2=4)

Rowlatt act gave the government enormous powers to repress political activities, and allowed detention of political prisoners without trial for two years. The Indians showed their disapproval towards this act. Mahatma Gandhi decided to launch a non-violent civil-disobedience movement against this law. Rallies were organised and various workers went on strike in railway workshops. While the Rowlatt satyagraha had been a widespread movement, it was still limited mostly to cities and towns. Gandhiji now felt the need to launch a more broad-based movement in India. But he was certain that no such movement could be organised without bringing the Hindus and Muslims closer together. One way of doing this, he felt, was to take up the khilafat issue.

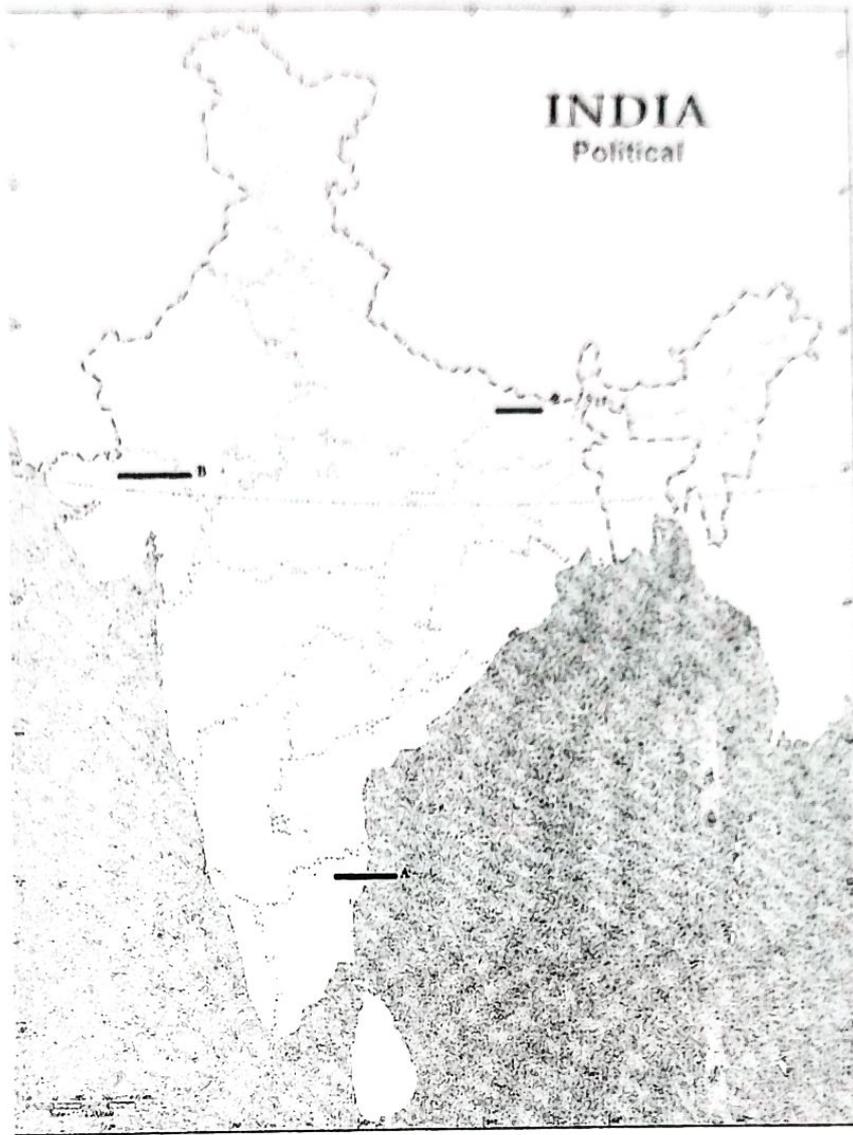
- i) Why was the Rowlatt Satyagraha started? 1
- ii) How did the Indians show their disapproval towards this act? 2
- iii) Who started the discussion with Mahatma Gandhi on Khilafat issue? 1

**MAP SKILL BASED QUESTION (2 MARKS)**

Two places (A) and (B) have been marked on the given outline political map of India; identify them and label the places;

2

9. A) The place where Indian National Congress Session was held in 1927.



B) The place where Indigo Planters movement occurred.

or

Place where Cotton Mill Workers did Satyagraha.

**SECTION B  
GEOGRAPHY (20 MARKS)**

**Choose the Correct Answer:**

10. Which state has the largest area under Permanent Forests, constituting 75 percent of its total forest area.

1

- a) Jammu Kashmir
- b) Madhya Pradesh
- c) Andhra Pradesh
- d) Kerala

11. Assertion (A): Resource planning in India requires matching resource development plans with national development strategies.

Reason (R): Resource planning is limited to identifying and mapping resources without integrating technology or institutional frameworks.

Options:-

- A) Both A and R are true and R is the correct explanation of A.
- B) Both A and R are true but R is not the correct explanation of A.
- C) A is true but R is false
- D) A is false but R is true.

12. KHARIF Crops are grown with the onset of \_\_\_\_\_ in different parts of our country and harvested in \_\_\_\_\_.

- A) Summer, June- July
- B) Monsoon, September-October
- C) Winter, November- December
- D) Summer, May - June

13. This Industry is used to manufacture Aircraft, Utensils, and Wires.

- A) Cement Industry
- B) Aluminum Smelting
- C) Iron and Steel Industries
- D) Automobile Industry

14. Khetri mines in Rajasthan and Singhbhum district of Jharkhand are the leading producers of which of the following minerals?

- A) Bauxite
- B) Mica
- C) Iron Ore
- D) Copper

15. The Krishna -Godavari dispute is regarding \_\_\_\_\_

- A) the diversion of water by Andhra Pradesh government
- B) the disputes between Kerala and Tamil Nadu .
- C) The diversion of more water at Koyna by the Maharashtra Government.
- D) The disputes between Tamil Nadu and Karnataka.

16. Who proclaimed DAMS as the "Temples of modern India "; and why?

17. Why is Iron-ore considered as the basic mineral? Describe the major Iron Ore belts in India. 5

Or

How have technical and economic development led to more consumption of resources? Explain.

18. Read the given Text and Answer the following Questions: (1+1+2=4)

Everything available in our environment which can be used to satisfy our needs, provided, it is technologically accessible, economically feasible and culturally acceptable can be termed as "Resources". The process of transformation of things available in our environment involves an interactive relationship between nature, technology and institutions. Human beings interact with nature through technology and create institutions to accelerate their economic development. An equitable distribution of resources has become essential for a sustained quality of life and global

peace. If the present trend of resource depletion by a few individuals and countries continues, the future of our planet is in danger. Therefore, Resource planning is essential for sustainable existence of all forms of life. Sustainable existence is a component of sustainable development.

- i) Which available thing in our environment can be termed as "Resource"? 1
- ii) How will Economic Development be achieved? 2
- iii) What do you understand by Resource planning? 1

### MAP SKILL BASED QUESTIONS ( 3 MARKS )

19. On the Given same Outline map of India, locate and label the following: (any three)

- i) Kandla – major sea port
- ii) Netaji Subhash chandra Bose Airport
- iii) Digboi – major Oil Fields
- iv) Rana Pratap Sagar Dam
- v) Singrauli –Thermal power Plants

### SECTION C POLITICAL SCIENCE ( 20 MARKS )

20. The breakdown of Caste hierarchy is happening because of 1

- a) Large scale urbanization
- b) Growth of literacy and Education
- c) Occupational Mobility
- d) All of these

21. Assertion (A): The Constitution of India did not declare any one language as the national language, and Hindi was considered as the official language. 1

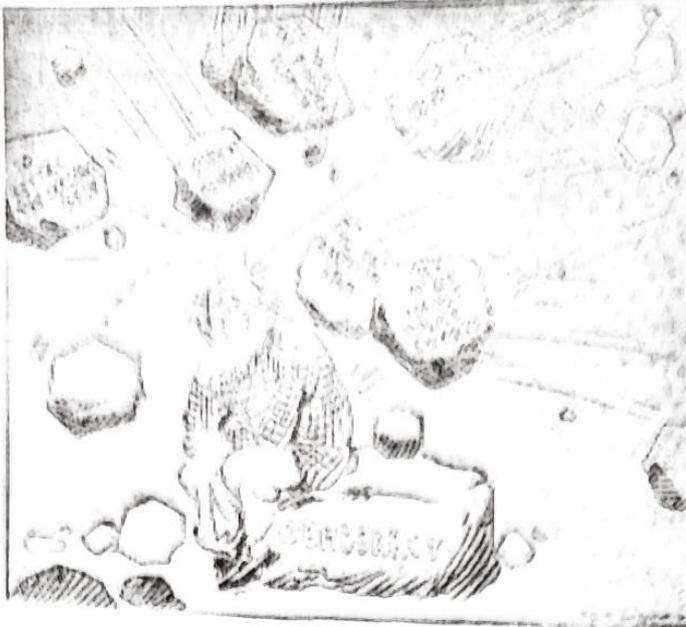
Reason (R): Hindi is the mother tongue of only about 40% of Indians, which makes it difficult to declare it as the national language in a linguistically diverse country.

Options:-

- a) Both A and R are true and R is the correct explanation of A.
- b) Both A and R are true but R is not the correct explanation of A.
- c) A is true but R is false.
- d) A is false but R is true.

22. Which one of the following options best signifies this cartoon? 1

- a) Democracy is all about coping with multiple pressures and accommodating diverse demands.
- b) Democracy is transparent
- c) Democracy can address socio- economic problems.
- d) Democracy enhances dignity of the individuals.



23. How did the Panchayati Raj Institutions get political Legitimacy? 1
- a) By getting Constitutional status
  - b) By debating on political matters
  - c) By being a part of the Directive principles of state policy
  - d) By getting grants from the central and state Governments
24. Mention any two measures to ensure the participation of women in public life. 2
25. Highlight any two conditions under which democracies accommodate social diversities. 2
26. In which three ways has multi-party system strengthened democracy in India? 3
27. Imagine a country where two regions demand more autonomy over natural resources. Which form of power sharing – Vertical or Horizontal – would be most suitable and why? 5
- or
- A country decides that political parties must reveal the sources of all their funds. How would this reform help in reducing the challenges faced by political parties?
28. Read the text given and answer the following Questions: 1+1+2 =4)
- Women in different parts of the world organised and agitated for equal rights. There were agitations in different countries for the extension of voting rights to women . These agitations demanded enhancing political and legal status of women and improving their educational and career opportunities. More radical women” s movements aimed at equality in personal and family life as well. These movements are called FEMINIST movements. In order to improve the social status of women in Indian Society, Women’s organisations should be strengthened so that it may take initiative in combating injustice against women.
- i) What were the demands of the Women’s movements? 1
  - ii) What happened when gender issue was raised in politics? 1
  - iii) Do you think, women in India are discriminated? If yes, why? 2

**SECTION D**  
**ECONOMICS (20 MARKS)**

29. Which of the following is an example of disguised Unemployment? 1
- a) A worker laid off from factory
  - b) A farmer and his four sons working on a small farm
  - c) A call center employee losing his job.
  - d) A teacher working in extra tuition classes.
30. The World Bank's Development Report is prepared on the basis of which of the following: 1
- a) Per Capita Income
  - b) Health Service
  - c) Literacy
  - d) Freedom
31. Which one of the following is a challenge of Globalization? 1
- a) Access to new markets
  - b) Access to new talent
  - c) International recruitment
  - d) Disproportionate growth
32. Why does it become difficult for farmers in rural areas to take loans from Government banks? 1
- 1. Lack of Collateral
  - 2. Lack of awareness
  - 3. Higher cost of Borrowing
  - 4. Complicated Procedure
- options:
- a) only 1, 2 and 4 are correct
  - b) only 2, 3 and 1 are correct
  - c) only 3, 4 and 1 are correct
  - d) only 2, 3 and 4 are correct
33. Which of the following statements about Self-Help Groups (SHG s) in India is true. 1
- a) Only women can be the members of SHGs.
  - b) SHGs can be a platform to discuss social issues of the village.
  - c) Government has made SHGs compulsory in all villages in India.
  - d) Each SHG consists of members who belong to different villages of a district.
34. Production of a commodity, mostly through the natural process, is an activity in \_\_\_\_\_ sector. 1
- a) Primary
  - b) Secondary
  - c) Tertiary
  - d) Information Technology
35. Why is Money transaction system better than barter system? Explain with examples. 3

36. A farmer in Haryana grows wheat but is unable to find buyers. Which sector is affected and why? 3

or

"Technology had stimulated the globalisation process". Support the statement with examples

37. Why are Demand deposits considered as money? 3

38. How has liberalization of trade and investment policies helped the globalization process? 5

Or

Which are the two different kinds of people employed in service sector? Give any 3 reasons for the rising importance of the tertiary sector.

\*\*\*\*\*



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION  
PRE-BOARD EXAMINATION -I (2025 - 2026)

GRADE X

Date: 19.12.2025

SET - 2

Max Marks: 80

Subject: SOCIAL SCIENCE (087)

Time: 3 hours

**General Instructions:**

1. There are 38 questions in the Question paper. All questions are compulsory.
2. The question paper has Four Sections - A-History, B-Geography C- Political Science, and D-Economics.
3. Each Section is of 20 Marks and has MCQs, VSA, SA, LAs and CBQ.
4. Very Short Answer Type Questions (VSA), carry 2 marks each. Answers to each question should not exceed 40 words.
5. Short Answer Type Questions (SA), carry 3 marks each. Answers to each question should not exceed 60 words.
6. Long answer type questions (LA), carry 5 marks each. Answers to each question should not exceed 120 words.
7. There are case based questions (CBQ) with three sub questions and are of 4 marks each. Answers to each question should not exceed 100 words.
8. The map-based questions, carry 5 marks with two parts- Q9. In Section A-History (2 marks) and Q19. In Section B -Geography (3 marks)
9. There is no overall choice in the question paper. However, an internal choice has been provided in few questions. Only one of the choices in such questions must be attempted.

**SECTION - A**

**HISTORY (20 MARKS)**

1 Arrange the following events in chronological order and choose the correct option.

- I) Bardoli Satyagraha
- II) A Satyagraha Movement in initiated by Gandhi in Ahmedabad
- III) The Inland Emmigration Act
- IV) Dominion status announced by the Viceroy Lord Irvin

**Options:**

- a) II,IV,I,III
- b) III,II,I,IV
- c) I,III,IV,II
- d) IV,III,II,I

2

The cover of a German almanac designed by the journalist \_\_\_\_\_ in the year \_\_\_\_\_

- a) Andreas Rebmann, 1798
- b) Johann Gottfried Herder, 1879
- c) Ernst Renan, 1798
- d) Friedrich List, 1879

3

**Assertion (A):** The historical interlinking of human societies primarily involved the exchange of commercial goods and currency, facilitating only economic growth between regions.

**Reasoning (R):** Ancient travelers, traders, priests, and pilgrims carried not just goods and money, but also values, skills, ideas, inventions, and even germs and diseases across vast distances.

**Options:**

- a) Both (A) and (R) are true, and (R) is the correct explanation of (A).
- b) Both (A) and (R) are true, but (R) is not the correct explanation of (A).
- c) (A) is false, but (R) is true.
- d) Both (A) and (R) is true

4

Match the following items in column A with those in column B. Choose the correct answer from the options given below.

	Column A		Column B
A	Tulsidas	1	Sambad Kaumudi
B	Ram Mohan Roy	2	Ramcharitmanas
C	Rashsundari Debi	3	Istri Dharam Vichar
D	Ramchaddha	4	Amar Jiban

- a) A-2, B-1, C-4, D-3
- b) A-4, B-3, C-2, D-1
- c) A-3, B-4, C-1, D-2
- d) A-1, B-2, C-3, D-4

Explain why the Spanish conquerors considered germs to be their most powerful weapon in the colonization of America, even more effective than conventional military firepower.

2

**OR**

Illustrate how food has become globally distributed, using historical and contemporary examples of its movement between different regions and continents.

	<p>Provide evidence to support the claim that print culture had a significant impact on the social lives of women in India?</p> <p style="text-align: center;"><b>OR</b></p> <p>The new technology did not entirely displace the existing art of producing books by hand. Explain.</p>	3
7	<p>The development of nationalism did not come about only through wars and territorial expansion. Culture played an important role in creating the idea of the nation. Explain.</p> <p style="text-align: center;"><b>OR</b></p> <p>Outline the distinct processes and key figures that led to the final unification of Germany and Italy as nation-states in the mid-19th century.</p>	5
8	<p><b>Read the given text and answer the following questions:</b></p> <p>Mahatma Gandhi on Satyagraha 'It is said of "passive resistance" that it is the weapon of the weak, but the power which is the subject of this article can be used only by the strong. This power is not passive resistance; indeed it calls for intense activity. The movement in South Africa was not passive but active ... 'Satyagraha is not physical force. A satyagrahi does not inflict pain on the adversary; he does not seek his destruction ... In the use of satyagraha, there is no ill-will whatever. 'Satyagraha is pure soul-force. Truth is the very substance of the soul. That is why this force is called satyagraha. The soul is informed with knowledge. In it burns the flame of love. ... Nonviolence is the supreme dharma ... 'It is certain that India cannot rival Britain or Europe in force of arms. The British worship the war-god and they can all of them become, as they are becoming, bearers of arms. The hundreds of millions in India can never carry arms. They have made the religion of non-violence their own ...'</p> <p>8.1 Differentiate between 'Passive resistance' and ' Satyagraha' as explained by Mahatma Gandhi in the excerpt.</p> <p>8.2 What did Mahatma Gandhi mean when he said satyagraha is active resistance?</p> <p>8.3 What according to Mahatma Gandhi is the best weapon to use to collapse British rule in India?</p>	2 1 1
9	<p><b>MAP SKILL-BASED QUESTION(2 Marks)</b></p> <p>Two places A and B have been marked on the given outline map of India. Identify them and write their correct names on the lines marked on the map.</p> <p>A) Indian National Congress Session held at this place in 1920 B) Place associated with Jallianwala Bagh incident.</p>	2
<p><b>SECTION – B</b></p> <p><b>GEOGRAPHY (20 MARKS )</b></p>		
10	<p>Which of the following description of forest is NOT correct?</p> <p>A. Reserved Forest -Reservation of more than half of forests B. Protected Forest- Reservation of 1/3 of the forests C. Unclassed Forest-Reservation of forest under govt. and private individuals D. Permanent Forest-Reserved and unclassified forest for the production of timber</p>	1

11	<p><b>Assertion (A):</b> The Sugar Industry is ideally suited to the cooperative sector.</p> <p><b>Reasoning (R):</b> The industry is seasonal in nature, and in recent years, cooperative sectors have been more successful, especially in the southern and western states like Maharashtra.</p> <p>a) Both A and R are true, and R is the correct explanation of A  b) Both A and R are true, but R is not the correct explanation of A  c) A is true, but R is false  d) A is false, but R is true</p>	1								
12	<p>Which of the following is <b>NOT</b> a broad objective of the Pradhan Mantri Krishi Sinchayee Yojana:</p> <p>a) To expand the cultivable area under assured irrigation  b) To improve on-farm water use efficiency to reduce wastage  c) To introduce sustainable water conservation practices.  d) To provide high-yielding seeds and modern farm equipment at subsidised rates.</p>	1								
13	<p>Match the following :</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">A. Carbet National Park</td> <td style="width: 50%;">1. Assam</td> </tr> <tr> <td>B. Sunderbans National Park</td> <td>2. Madhya Pradesh</td> </tr> <tr> <td>C. Bandhavgarh National Park</td> <td>3. West Bengal</td> </tr> <tr> <td>D. Manas Tiger Reserve</td> <td>4. Uttarakhand</td> </tr> </table> <p><b>Options :</b></p> <p>a) A-4, B-3, C-2, D-1  b) A-1, B-2, C-3, D-4  c) A-1, B-2, C-4, D-3  d) A-3, B-1, C-4, D-2</p>	A. Carbet National Park	1. Assam	B. Sunderbans National Park	2. Madhya Pradesh	C. Bandhavgarh National Park	3. West Bengal	D. Manas Tiger Reserve	4. Uttarakhand	1
A. Carbet National Park	1. Assam									
B. Sunderbans National Park	2. Madhya Pradesh									
C. Bandhavgarh National Park	3. West Bengal									
D. Manas Tiger Reserve	4. Uttarakhand									
14	<p>Which document is credited with making the seminal contribution to resource conservation at the global level by introducing the concept of 'Sustainable Development'?</p> <p>a) The Club of Rome Report (1968)  b) The Brundtland Commission Report, published as Our Common Future (1987)  c) The Earth Summit in Rio de Janeiro, Brazil (1992)  d) Schumacher's book Small is Beautiful (1974)</p>	1								
15	<p>"Riya" gave his friend clues about a type of soil that suits for growing cotton. Which of the following clues provided by "Riya" would be most useful in identifying the ideal type of soil?</p> <p><b>Clues:</b></p> <p>i. It is well-known for its capacity to hold moisture.  ii. It turns yellow when it is hydrated.  iii. It is rich in kankur and bhangar nodules.  iv. It is a well-drained loamy soil.</p>	1								

- a. Clue i
- b. Clue i and iii
- c. Clue i and ii
- d. Clue iv

16 Which state is the largest producer of manganese in India? Mention any two uses of manganese. 1+1

17 Describe the various ways industries contribute to environmental pollution and outline the necessary steps and strategies to minimize the environmental degradation caused by industrial activities. 5

**OR**

"Manufacturing sector is considered the backbone of development of the country". Justify the statement.

18 **Read the given text and answer the following questions:** 2+2

Rinjha lived with her family in a small village at the outskirts of Diphu in Assam. She enjoys watching her family members clearing, slashing and burning a patch of land for cultivation. She often helps them in irrigating the fields with water running through a bamboo canal from the nearby spring. She loves the surroundings and wants to stay here as long as she can, but this little girl has no idea about the declining fertility of the soil and her family's search for fresh a patch of land in the next season.

18.1 Can you name the type of farming Rinjha's family is engaged in? This type of farming is indeed known by different names across India. Give two examples of the regional names for this type of cultivation in India.

18.2 Explain how this system is different from Intensive Subsistence Farming

19 **MAP SKILL-BASED QUESTION (3 Marks)** 3

On the same outline map of India Locate and label **any three** of the following with suitable symbols.

- 19.a The dam that is built on river Sutlej
- 19.b Major seaport in Odisha
- 19.c The international airport situated in Hyderabad
- 19.d A major wheat producing state
- 19.e A coal mine in Tamil Nadu

SECTION C  
POLITICAL SCIENCE (20 MARKS)

20 Which specific political arrangement is cited as a good example of power sharing among religious and linguistic groups?

- a) The Community government in Belgium
- b) The system of checks and balances
- c) Vertical division of power
- d) Holding together federations

21



Which of the following options best signifies this cartoon?

- a) Demand for separate state from Democratic Government.
- b) Democratic Government is facing Territorial issues with the bordering states.
- c) Democratic Government is coping with multiple pressures through accommodation.
- d) Democratic Government accepts demands based on separate state.

22

Which of the following statements is correct keeping the requirement of formation of government in view.

Statement i: It is possible for independent candidates to form a government. Statement ii: Government formation is exclusively reserved for political parties. Statement iii: The formation of government is limited to only elected political parties. Statement iv: Government can only be formed by political parties that are elected and hold a majority.

**Options:**

- a) Statement i and ii are right.
- b) Statement i, ii and iii are right.
- c) Statement iii is right.
- d) Only statement iv is right.

3. Match the List I with List II.

List I		List II	
A	Bharatiya Janata Party	1	United Progressive Alliance
B	Congress Party	2	National Democratic Alliance
C	Communist Party of India	3	Regional Party
D	All India Anna DMK	4	Left Front

**Options:**

- a) A-1,B-2,C-3,D-4
- b) A-2,B-1,C-4,D-3
- c) A-2,B-3,C-4,D-1
- d) A-4,B-2,C-1,D-3

24	What factors led to a new culture of power sharing and respect for the autonomy of State Governments?	2
25	Communalism is harmful for the nation Do you agree with the statement? Substantiate your answer.	2
26	What do we learn from the power sharing arrangement of Belgium with Sri Lanka?	3
27	Why a lack of internal democracy is considered a significant challenge for political parties and how does this affect their role as effective instruments of democracy?  <b>OR</b>  Political parties are a necessary condition for a democracy. Explain.	5
28	<b>Read the given text and answer the following questions:</b>  Language Policy: A second test for Indian federation is the language policy. Our Constitution did not give the status of national language to any one language. Hindi was identified as the official language. But Hindi is the mother tongue of only about 40 per cent of Indians. Therefore, there were many safeguards to protect other languages. Besides Hindi, there are 22 other languages recognized as Scheduled Languages by the Constitution. A candidate in an examination conducted for the Central Government positions may opt to take the examination in any of these languages. States too have their own official languages. Much of the government work takes place in the official language of the concerned State.  28.1. Explain the rationale behind the Central Government's decision to continue English as an official language in addition to Hindi.  28.2. What are referred as Scheduled languages? Which Schedule of the Indian Constitution lists the Scheduled Languages?	2+2

**SECTION D**  
**ECONOMICS (20 MARKS)**

29	<p><b>Assertion (A):</b> For comparing countries, total income is not a sufficiently useful measure because it does not indicate what an average person is likely to earn.</p> <p><b>Reasoning (R):</b> The average income, also called per capita income, is calculated by dividing the total income of the country by its total population and is used to determine if people in one country are better off than those in another country.</p> <p><b>Options:</b></p> <ul style="list-style-type: none"><li>a) Both A and R are true and R is the correct explanation of A.</li><li>b) Both A and R are true, but R is not the correct explanation of A.</li><li>c) A is true, but R is false.</li><li>d) A is false, but R is true.</li></ul>	1
30	<p>Imagine what would happen if farmers refuse to sell sugarcane to a particular sugar mill. The mill will have to shut down. What does this indicate?</p> <ul style="list-style-type: none"><li>a) This is an example of the secondary sector being dependent on the primary.</li><li>b) This is an example of the primary sector being dependent on the secondary.</li><li>c) This is an example of the secondary sector being dependent on the tertiary.</li><li>d) This is an example of the primary sector being dependent on the tertiary.</li></ul>	1
31	<p>Which of the following scenarios best demonstrates the concept that income is not a completely adequate indicator of material goods and services?</p> <ul style="list-style-type: none"><li>a) A high-income individual choosing to buy a luxury car instead of saving money.</li><li>b) A wealthy farmer having to borrow money to buy new seeds after a bad harvest.</li><li>c) A person with a high salary living in a city with heavy air pollution and unreliable public utilities.</li><li>d) An educated unemployed youth being unable to find a job that matches their qualifications.</li></ul>	1
32	<p>Rohan has taken a loan of Rs .5 lakhs from the bank to pursue higher education. The annual interest rate on the loan is 12 per cent, and the loan is to be repaid over 10 years in monthly instalments. The bank retained as collateral the papers related to a family asset .in reference to the details given answer the given question:</p> <p>What two key pieces of documentation, specific to the nature of his loan, did Rohan submit to the bank?</p> <ul style="list-style-type: none"><li>a) House purchase papers employment records.</li><li>b) Proof of residence and utility bills.</li><li>c) Documents detailing his admission into the course and expected future earnings.</li><li>d) The collateral papers and a declaration of assets.</li></ul>	1

Why do banks keep only a small proportion of deposits as cash reserves?

- a) To fund large government projects immediately.
- b) To maximize the interest earned on all deposits.
- c) As a provision to pay depositors who might come to withdraw money on a given day.
- d) Because they are legally required to invest the rest in stocks.

Identify the correct statements about globalization.

- I. Removal of barriers by the government
- II. Foreign companies are allowed to set up factories
- III. Has enabled all companies to increase their investments
- IV. Has lessened foreign investment and foreign trade

**OPTIONS:**

- A. I & II
- B. II & III
- C. I & III
- D. II & IV

35 Sustainable development means attending today's needs without compromising the needs of the future. Explain. 3

36 A farmer has borrowed money from a money lender at a high rate of interest. Since he could not pay the interest, he was forced to borrow from another landlord to settle the amount owed to the money lender. State the consequences he may face in this situation and give your suggestions on how he can overcome his situation. 3

37 "Rapid improvement in technologies has been a major factor that has stimulated the globalization process". Support the statement. 3

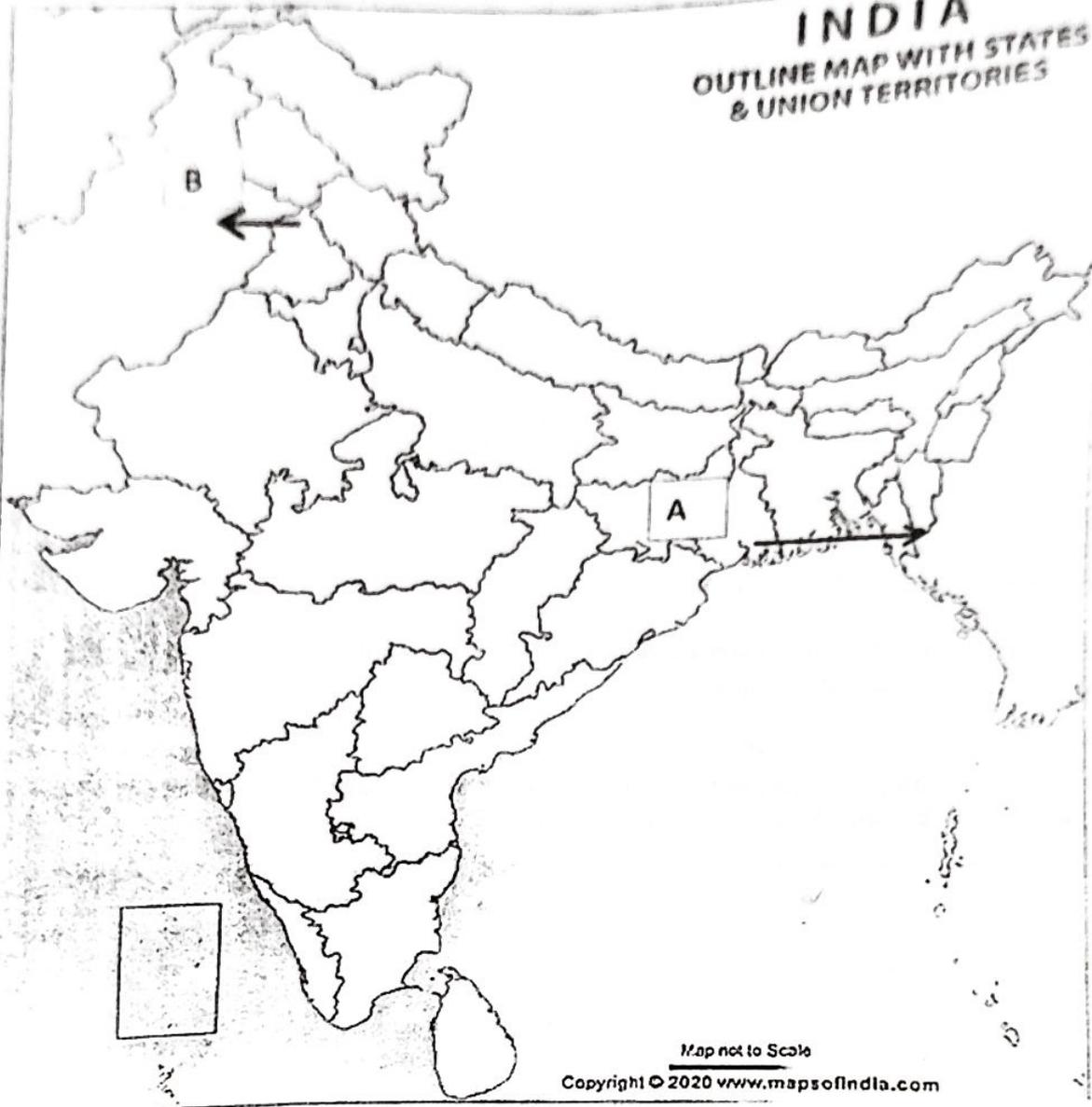
38 How far is it correct to state that several services which cannot be provided by private sector can be provided by the public sector? Explain. 5

OR

Enumerate the causes of rural unemployment in India. If you were the village head, what measures you would take to increase the income of the villagers?

# INDIA

OUTLINE MAP WITH STATES  
& UNION TERRITORIES



Map not to Scale

Copyright © 2020 [www.mapsofindia.com](http://www.mapsofindia.com)



# BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

PRE-BOARD EXAMINATION -1 (2025 - 2026)

GRADE X

Date: 09.12.2025

SET - 1

Max Marks: 50

Subject: ARTIFICIAL INTELLIGENCE (417)

Time: 2 hours

## General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of 21 questions in two sections: Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. Out of the given (5 + 16 =) 21 questions, a candidate has to answer (5 + 10 =) 15 questions in the allotted (maximum) time of 2 hours.
5. All questions of a particular section must be attempted in the correct order.
6. **SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):**
  - i. This section has 05 questions.
  - ii. Marks allotted are mentioned against each question/part.
  - iii. There is no negative marking.
  - iv. Do as per the instructions given.
7. **SECTION B - SUBJECTIVE TYPE QUESTIONS (26 MARKS):**
  - i. This section has 16 questions.
  - ii. A candidate has to do 10 questions.
  - iii. Do as per the instructions given.
  - iv. Marks allotted are mentioned against each question/part.

## SECTION A : OBJECTIVE TYPE QUESTIONS

Q.1	Answer any 4 out of the given 6 questions (1X 4 = 4)	
i.	A manager sends a critical instruction to staff via email. Some employees misinterpret the message, resulting in errors. Which element of the communication process was most likely missing or ineffective?  a) Sender's credibility b) Receiver's personal traits c) Channel selection and feedback d) Message length	1
ii.	_____ refers to focusing efforts on maintaining a healthy mind and body which is better capable of withstanding stressful situations.  a) Emotional health b) Self management c) Stress management d) Mental health	1

iii.	<p>A student often feels anxious before competitions and tends to react angrily when things go wrong. Which skill is most important for helping the student regulate their emotions and respond appropriately?</p> <p>a) Time management b) Adaptability c) Emotional intelligence d) Responsibility</p>	
iv.	<p>A laptop frequently overheats and programs run very slowly. What is the most effective preventive action?</p> <p>a) Run multiple programs simultaneously b) Keep the laptop on a soft surface while working c) Ensure proper ventilation, clean fan, and close unused programs d) Overcharge the battery to full capacity</p>	1
v.	<p>Sheila runs a small taxi business and adds daily newspapers, a TV, and local hospital information for her customers. Which entrepreneurial quality is she demonstrating the most?</p> <p>a) Taking responsibility b) Hardworking c) Patience d) Creativity and innovation</p>	1
vi.	<p>Which action directly contributes to preventing water pollution and ensuring clean water?</p> <p>a) Using chemical pesticides in farming b) Dumping garbage into rivers and ponds c) Promoting rainwater harvesting and proper sewage treatment d) Cutting more trees for fuel</p>	1
<p><b>Q.2 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b></p>		
i.	<p>Predicting the selling price of a car using features like fuel type, age, and kilometers driven requires a _____ model because the output is _____.</p>	1
ii.	<p><b>Assertion:</b> Ethical frameworks always prevent AI from making biased decisions. <b>Reasoning:</b> Ethical frameworks provide structured guidance for making morally sound decisions.</p> <p>a) Both Assertion and Reasoning are true, and Reasoning is the correct explanation of the Assertion. b) Both Assertion and Reasoning are true, but Reasoning is not the correct explanation of the Assertion. c) Assertion is true, but Reasoning is false. d) Assertion is false, but Reasoning is true.</p>	1
iii.	<p>Which of the following statements is <b>FALSE</b> about reinforcement learning?</p> <p>a) It relies heavily on pre-labelled data for training. b) It requires a reward mechanism. c) It can adapt to unforeseen environments. d) It helps the system learn through feedback from actions.</p>	1
iv.	<p><b>Splitting data is important to prevent _____, where the model memorizes the training data but performs poorly on new data.</b></p>	1

v.	<p>In Computer Vision, identifying the exact pixel-wise boundaries of objects within an image is referred to as _____.</p> <ul style="list-style-type: none"> <li>a) Object Detection</li> <li>b) Classification</li> <li>c) Image Segmentation</li> <li>d) Feature Extraction</li> </ul>	1
vi.	<p><b>State whether the statement is True or False:</b></p> <p><b>In the Bag-of-Words model, the position of words in a sentence is preserved to help the model understand sentence structure.</b></p>	1
Q.3	<p><b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b></p>	
i.	<p>A self-driving car correctly identifies nearby vehicles but fails to differentiate between road signs due to poor pixel clarity. Which step should be improved?</p> <ul style="list-style-type: none"> <li>a) Syntactic Analysis</li> <li>b) Image Processing</li> <li>c) TF-IDF Weighting</li> <li>d) Sentiment Detection</li> </ul>	1
ii.	<p><b>In a car dataset containing Brand, Mileage, Fuel Type, and Price, these column headings are known as _____.</b></p> <ul style="list-style-type: none"> <li>a) Labels</li> <li>b) Records</li> <li>c) Instances</li> <li>d) Features</li> </ul>	1
iii.	<p>Why are ethical frameworks important in AI development?</p> <ul style="list-style-type: none"> <li>a) To improve computational efficiency</li> <li>b) To avoid unintended harm and ensure morally acceptable outcomes</li> <li>c) To reduce programming complexity</li> <li>d) To increase the speed of AI deployment</li> </ul>	1
iv.	<p>You want to design a CNN to differentiate between apples and oranges in images. Which key advantage does a CNN have over an artificial neural network for this task?</p> <ul style="list-style-type: none"> <li>a. CNNs do not require training data.</li> <li>b. CNNs always use regression models.</li> <li>c. CNNs can automatically assign learnable weights and biases to image features, improving accuracy.</li> <li>d. CNNs avoid the use of hidden layers.</li> </ul>	1
v.	<p>Which of the following is NOT a principle of bioethics?</p> <ul style="list-style-type: none"> <li>a) Respect for autonomy</li> <li>b) Maximum benefit for all</li> <li>c) Justice</li> <li>d) Maximizing corporate profit</li> </ul>	1
vi.	<p>Count and write the number of tokens in the sentence.</p> <p><b>Effective communication relies on clear language, thoughtful structure, and meaningful expression</b></p>	1

Q. 4 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)		
i.	<p><b>A smart bot begins answering unrelated questions midway through a chat. Which component needs refinement?</b></p> <ul style="list-style-type: none"> <li>a) Machine Translation</li> <li>b) Text Normalization</li> <li>c) TF-IDF scoring</li> <li>d) Discourse Integration</li> </ul>	1
ii.	<p><b>In which situation is precision more important than recall?</b></p> <ul style="list-style-type: none"> <li>a) Predicting rare diseases where missing patients is critical</li> <li>b) Email spam detection where false positives should be minimized</li> <li>c) Predicting continuous values like temperature</li> <li>d) Classifying balanced datasets</li> </ul>	1
iii.	<p><b>A neural network has 1 input layer, 3 hidden layers, and 1 output layer. If each hidden layer has nodes executing different ML algorithms, what is the main role of the hidden layers?</b></p> <ul style="list-style-type: none"> <li>a) To perform computations using weights and biases and extract features</li> <li>b) To acquire data from the user</li> <li>c) To display output to the user</li> <li>d) To store raw data for future use</li> </ul>	1
iv.	<p><b>Why might value-based ethical frameworks be more versatile than sector-based frameworks in AI decision-making?</b></p> <ul style="list-style-type: none"> <li>a) They rely solely on legal regulations</li> <li>b) They prioritize profits over societal benefits</li> <li>c) They ignore biases in training data</li> <li>d) They focus on fundamental moral principles rather than domain-specific rules</li> </ul>	1
	<p><b>Jim likes songs with slow tempo and soft intensity, while he dislikes songs with fast tempo and high intensity. An unsupervised learning model is used to group songs based on tempo and intensity. When a new song with slow tempo and soft intensity is added, the model predicts that Jim will like it.</b></p> <p><b>Which statement BEST describes the learning approach and type of model used here?</b></p> <ul style="list-style-type: none"> <li>a) Supervised Learning - Regression, because the model predicts continuous values like tempo.</li> <li>b) Unsupervised Learning - Clustering, because the model groups items based on similarity without predefined labels.</li> <li>c) Supervised Learning - Classification, because the model uses labeled data about Jim's preferences.</li> <li>d) Reinforcement Learning - because the model learns by receiving feedback about song preferences.</li> </ul>	1
	<p><b>A voice assistant converts speech to text correctly but misunderstands the user's intention. The problem lies in:</b></p> <ul style="list-style-type: none"> <li>a) ASR (Automatic Speech Recognition)</li> <li>b) Pragmatic Analysis</li> <li>c) Syntactic parsing</li> <li>d) Tokenization</li> </ul>	1

Q. 5		Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	You are selecting a volunteer to represent your class at an event. Two students are equally qualified, but one is your close friend while the other is someone you barely know. Which factor might unconsciously influence your decision? a) The colour of the classroom walls b) The day of the week the selection is held c) The length of the student's name d) Your personal relationship with the student	1	
ii.	A house was predicted to sell at ₹6,75,000, but the actual selling price was ₹7,20,000. The error rate of the prediction is: a) 0.062 b) 0.064 c) 0.066 d) 0.068	1	
iii.	An image of a dog is shown with <b>one bounding box only</b> around the dog, and a label says <b>"Dog (92%)"</b> . No other objects are marked. <b>Question:</b> Which CV task does this image represent? a) Classification only b) Object Detection c) Classification + Localization d) Segmentation	1	
iv.	A bank wants to detect fraudulent transactions. Missing a fraud case is far more dangerous than wrongly flagging a legitimate transaction. Which metric should be prioritized?	1	
v.	An AI hiring system consistently favors male candidates over female candidates. Which ethical framework would most directly address this bias? a) Virtue-based b) Rights-based c) Utility-based d) Sector-based	1	
vi.	Which option correctly shows the stemmed and lemmatized forms of the word "studies"? a) Stemmed: study, Lemmatized: studi b) Stemmed: stud, Lemmatized: study c) Stemmed: studi, Lemmatized: study d) Stemmed: studies, Lemmatized: studied	1	

## SECTION B: SUBJECTIVE TYPE QUESTIONS

**Answer any 3 out of the given 5 questions (2 x 3 = 6 marks)**

**Answer each question in 20 – 30 words.**

Q.6	A student tells her friend, <b>"Please make this story better and more interesting"</b> but the friend is confused because these adjectives can mean many different things. Why is it important to use clear and specific adjectives when giving instructions or feedback?	2
-----	--	---

Q.7	A student wants to improve her academic performance but often procrastinates and loses focus. She sets goals every week, but still struggles to stay motivated. Suggest any two strategies she can use to build self-motivation, and explain how each strategy can help her overcome procrastination.	2
Q.8	A student signs up for a new AI image-editing app. The next day, she starts receiving emails from unknown companies offering editing services. Explain two possible ways her personal information may have been leaked and suggest how she could prevent such incidents in the future.	2
Q.9	What is entrepreneurship? Give two characteristics of a successful entrepreneur.	2
Q.10	Imagine your school wants to become a "Green Campus." Suggest two practical green initiatives and justify why they would be effective.	2

**Answer any 4 out of the given 6 questions in 20 – 30 words each (2 x 4 = 8 marks)**

Q.11	During an AI project, a team finds that their initial dataset contains biased entries that may lead to unfair predictions. Which stages of the AI Project Cycle will help them detect and correct these issues, and what tasks should they perform in each stage?	2
Q.12	Identify the deep learning model used in each case: a) An app scans damaged crops and automatically highlights infected leaf patterns. b) A music app learns a user's listening habits and predicts the next song even though the data contains no labels.	2
Q.13	An AI powered game character learns how to survive in a virtual jungle. At first, it makes random moves sometimes finding food, sometimes getting attacked. Over time, it learns which actions increase its survival time because the system gives it rewards for good decisions and penalties for bad ones. Explain why this scenario represents reinforcement learning. Also state why supervised and unsupervised learning cannot be used here.	2
Q.14	A rainfall prediction model has high accuracy but still misses many heavy rainfall cases. <b>Why is accuracy not enough, and which metric should be used to measure how well the model detects heavy rain?</b>	2
Q.15	<b>What is image resolution in digital imaging and how does increasing the resolution improve the clarity of an image?</b>	2
Q.16	An AI voice assistant receives the spoken command: "Play the latest song by the singer who won the award yesterday." Before executing the command, the AI breaks the sentence into meaningful units such as "latest song," "singer," "won," "award," "yesterday" to understand the user's intent. <b>Identify the NLP stage being used here and explain why it is important for understanding user commands.</b>	2

**Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)**

Q.17	A hospital launches an AI system to select patients for a free health check-up program. The algorithm gives higher priority to patients who frequently book appointments through the hospital's mobile app. The AI assumes that regular app usage means the patient is responsible and actively managing their health. However: <ul style="list-style-type: none"> <li>• Many elderly patients do not use smartphones,</li> <li>• Some low-income patients cannot afford data plans,</li> <li>• A few patients with disabilities find the app difficult to use.</li> </ul>	4
------	---	---

As a result, these groups—who might not initially have health insurance—  
are given low priority.

- a) Identify two reasons why the algorithm produced biased results.
- b) Mention two bioethics principles that can help solve this problem and explain how they apply.

Q.18

A hospital has collected a dataset of 500 patients. Each record includes patient details such as age, weight, blood pressure, cholesterol levels, and whether the patient developed diabetes within one year (Yes/No). The dataset is fully labelled, showing the target outcome for each patient.

- a) Identify the type of machine learning model suitable for this task. [1]
- b) Name the two main categories of this type of learning model. [1]
- c) Explain each category briefly and provide one real-world example for each. [2]

Q.19

Identify the name of the application of Machine Learning (ML) or Deep Learning (DL) being used in the following scenarios.

- a) A banking app allows users to deposit cheques simply by taking a photo. The AI analyzes the handwritten cheque and correctly interprets irregular, slanted, or partially smudged handwritten digits such as "7", "3", and "0" from the amount box to process the transaction.
- b) An airport security system uses AI-enabled cameras to scan passengers entering the terminal. The system not only detects that a person is present but also identifies who the individual is by matching their face with a database of registered travelers and known suspects, even if they are wearing masks or glasses.
- c) A smart energy meter learns the normal electricity usage patterns of each household. For one home, it observes an unusual pattern: consumption drops to nearly zero in the morning and spikes unusually high at night behaviour never seen before. The AI immediately sends an alert to the electricity board, indicating possible meter tampering or electrical malfunction.
- d) A smartphone app allows users to take photos of wild mushrooms. Based on the image alone, the AI system labels each mushroom as edible, toxic, unknown, or rare species.

Q.20

A hospital is testing an AI-based health monitoring system that predicts whether a patient is at Risk or Not at Risk for developing high blood pressure in the next 6 months. The system was tested on 200 patients with the following results:

- The model correctly predicted 70 patients as At Risk, and they indeed developed high blood pressure.
- It correctly predicted 80 patients as Not at Risk, and they remained healthy.
- It predicted 25 patients as Not at Risk, but they later developed high blood pressure.
- It predicted 25 patients as At Risk, but they actually remained healthy.

Using this information, answer the following:

- a) Construct the confusion matrix for this binary classification model. [2]
- b) If the hospital wants to prioritize identifying patients who truly are at risk, which metric (precision or recall) is more important? Explain why. [1]
- c) Describe one possible consequence of the AI system having low precision in this scenario. [1]

Q.21

Read the following three documents and answer the questions that follow

**Document 1:** "Artificial intelligence improves learning efficiency"

**Document 2:** "Students use AI tools to solve complex problems"

**Document 3:** "Teachers guide students in understanding machine learning algorithms"

After text preprocessing (removing punctuation, converting to lowercase, and tokenizing), the documents become:

- **Doc 1:** [artificial, intelligence, improves, learning, efficiency]
- **Doc 2:** [students, use, ai, tools, solve, complex, problems]
- **Doc 3:** [teachers, guide, students, understanding, machine, learning, algorithms]

### Questions

- a) Create the **complete vocabulary** of all unique words across the three documents.
- b) Define Inverse Document Frequency
- c) Explain **two advantages** of using TF-IDF over the **Bag of Words (BoW)** model in feature extraction.
- d) Construct the **Term Frequency (TF) vector** for **Document 2** using the vocabulary created in question (a).

\*\*\*\*\*



BANGALORE SAHODAYA SCHOOLS COMPLEX ASSOCIATION

PRE-BOARD EXAMINATION -1 (2025 - 2026)

GRADE X

Date: 09.12.2025

SET - 2

Max Marks: 50

Subject: ARTIFICIAL INTELLIGENCE (417)

Time: 2 hours

**General Instructions:**

1. Please read the instructions carefully.
2. This Question Paper consists of **21 questions** in two sections: Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. Out of the given (5 + 16 =) **21 questions**, a candidate has to answer (5 + 10 =) **15 questions** in the allotted (maximum) time of 2 hours.
5. All questions of a particular section must be attempted in the correct order.
6. **SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):**
  - i. This section has 05 questions.
  - ii. Marks allotted are mentioned against each question/part.
  - iii. There is no negative marking.
  - iv. Do as per the instructions given.
7. **SECTION B – SUBJECTIVE TYPE QUESTIONS (26 MARKS):**
  - i. This section has 16 questions.
  - ii. A candidate has to do 10 questions.
  - iii. Do as per the instructions given.
  - iv. Marks allotted are mentioned against each question/part.

**SECTION A: OBJECTIVE TYPE QUESTIONS**

Q. 1	Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)	
i.	A business professional has to join an important conference call while travelling on a busy train. The train's noise, announcements, and the sound of passengers can interfere with the participant's ability to hear and focus on the call. This is an example of the ----- barrier. a) Interpersonal      b) Physical      c) Organisational      d) Linguistic	1
ii.	Ankita is a very hard-working person. She always stays motivated to complete the task at hand. She has the ability to solve problems and align tasks with goals. What qualities of Arnika are depicted here? a) Forgetfulness      b) Impatience c) Self-management      d) Self-governance	1

iii.	Community initiates a tree-planting campaign to restore local forests, aiming to enhance biodiversity, prevent soil erosion, and provide habitats for wildlife. This initiative also includes educating residents about sustainable land use practices to protect their natural environment. Which SDG can you relate this initiative to? a) Clean Water and Sanitation b) Life on Land c) Affordable and Clean Energy d) Climate Action	1
iv.	Which of the following statement is INCORRECT regarding antivirus? a) It uses to scan, detect, clean and remove virus from a computer system. b) Antivirus makes your computer immune to all types of malware. c) Some of the antivirus programs help us recover the data which has been lost. d) Antivirus scans all removable devices for potential viruses, ensuring that no viruses are transferred.	1
v.	Neha after successfully running her bakery for three years, she noticed a steady increase in profits and a loyal customer base. With her business now stable, she decided to open two new branches in nearby cities and introduce online delivery services to reach more customers. Which stage of entrepreneurship is Neha demonstrating in this situation? a) Satisfying human need b) Product and Service c) Calculated Risk d) Regular Production	1
vi.	When danger arises, humans and animals instinctively react with heightened alertness and energy. This response, known as "fight or flight," ensures safety and survival is a common response to danger in all people and animals. a) Internal stress b) Environmental stress c) Survival stress d) Fatigue related stress	1

Q. 2	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	A tech company developed an AI system for processing job applications. However, it was found that the system consistently rejected applications from candidates with certain ethnic backgrounds. Which AI ethics principle is violated in this scenario? a) Trust, Privacy and Control b) Bias and Fairness c) Accountability d) Transparency	1
ii.	Assertion (A): Testing data is used to evaluate the model's performance after training. Reason (R): Testing data is the same as training data to check consistency. Assertion(A) and Reason(R): a) Both A and R are true, and R is the correct explanation of A. b) Both A and R are true, but R is not the correct explanation of A. c) A is true, but R is false. d) A is false, but R is true.	1

iii.	Imagine training a robot dog using AI. When it performs a correct action like "sit" or "roll," it receives a reward. If it doesn't follow the command correctly, no reward is given. Over time, it learns which actions result in rewards and repeats them more. What does this reward-based learning resemble in AI? a) Deep Learning                      b) Supervised Learning c) Reinforcement Learning          d) Unsupervised Learning	1
iv.	State True or False: lemmatization is text normalization techniques that reduce words to a base form called lemma. The base word formed is always meaningful.	1
v.	An online retailer discovers that customers who buy mobile phones often also buy headphones. Which type of data mining technique should the store apply here? a) Classification      b) Clustering      c) Association      d) Regression	1
vi.	Tejal has created an AI classification model that predicts whether a mail is spam or not. She used a confusion matrix to record the output generated by the model. The model predicts mail as spam when it is not. What is this situation called? a) False Positive      b) True Positive      c) False Negative      d) True Negative	1

Q. 3	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	Assertion: Ethics provide guidance in distinguishing right from wrong. Reasoning: Ethics consist of a set of values and morals that aid individuals in making moral judgments and decisions. a) Both Assertion and Reasoning are true, and Reasoning is the correct explanation of the Assertion. b) Both Assertion and Reasoning are true, but Reasoning is not the correct explanation of the Assertion. c) Assertion is true, but Reasoning is false. d) Assertion is false, but Reasoning is true.	1

ii.	<p>The school canteen is using an AI model to predict whether a food item will be a bestseller. The model considers four features, each assigned a specific weight based on its importance:</p> <p>A bias value of <math>-0.2</math> is added. The formula used is:  <math display="block">y = w_1x_1 + w_2x_2 + w_3x_3 + w_4x_4 + (1 \times b)</math> What will be the value of <math>y</math> for the given scenario?</p>	1
-----	---	---

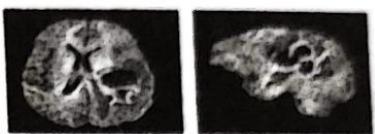
a) 1.0

b) 2-4

c) 2

d) 2-2

iii.	<p>A face recognition system at an airport was tested on 500 passengers:</p> <ul style="list-style-type: none"><li>• 50 were imposters.</li><li>• It caught 45 correctly</li><li>• It missed 5 imposters</li><li>• Out of 450 genuine passengers, it wrongly flagged 15.</li></ul> <p>What is the Recall of the system?</p> <p>a) 65%      b) 90%      c) 75%      d) 80%</p>	1
iv.	<p>Which ethical principle emphasizes the importance of not causing harm through AI systems?</p> <p>a) Justice      b) Beneficence      c) Non-maleficence      d) Autonomy</p>	1
v.	<p>A language translation software can only translate a few sentences correctly because it follows fixed grammar rules. It fails when new phrases or slang are used. What type of system is this, and what is the main limitation?</p> <p>a) Machine learning system — limited data</p> <p>b) Rule-based system — cannot handle new patterns</p> <p>c) Neural network system — lacks vocabulary</p> <p>d) Deep learning system — poor accuracy</p>	1
vi.	<p>What does "AI transparency" aim to achieve?</p> <p>a) Clear understanding of how AI systems operate and make decisions</p> <p>b) Enhanced performance of AI systems</p> <p>c) Improved user interface design</p> <p>d) Increased speed of AI processing</p>	1

Q. 4	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	<p>Sunil is confused with the terms used in the evaluation stage. Suggest him the term that can be defined as the percentage of true positive cases versus all the cases where the prediction is true.</p> <p>a) Precision                      b) Recall                      c) F1 score                      d) Accuracy</p>	1
ii.	<p>Statement 1: Overfitting is not recommended for evaluation of a model. Statement 2: This is because the model will simply remember the whole training set, and will therefore always predict the correct label for any point in the training set.</p> <p>a) Both Statement 1 and Statement 2 are correct. b) Both Statement 1 and Statement 2 are incorrect. c) Statement 1 is correct but Statement 2 is incorrect. d) Statement 2 is correct but Statement 1 is incorrect.</p>	1
iii.	<p>The term that refers to the process of detecting instances of the objects, giving them a category, and then giving each pixel a label based on that is</p> <p>a) Classification b) Instance Segmentation c) Object Detection d) Feature Extraction</p> <div style="display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small; margin-right: 5px;">True</div>  </div> <div style="display: flex; align-items: center; justify-content: center; margin-top: 10px;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: small; margin-right: 5px;">Predicted</div>  </div>	1
iv.	<p>_____ is the number of times the word has occurred irrespective of how many times it has occurred in those documents.</p> <p>a) Document frequency                      b) Inverse document frequency c) frequency                      d) term frequency</p>	1
v.	<p>Why do we need an activation function in a perceptron?</p> <p>a) To combine input and output b) To delete incorrect weights c) To decide whether a neuron should be activated or not d) To change the input shape</p>	1
vi.	<p>Which of these is a limitation of single object detection?</p> <p>a) Cannot locate more than one object b) Produces bounding boxes c) Works only on grayscale images d) Always requires manual kernels</p>	1

Q. 5	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	<p>The fundamental task in Computer Vision that involves analyzing an entire visual input and assigning it a single descriptive tag or label from a fixed collection of predefined categories (such as categorizing a picture as 'sedan,' 'SUV,' or 'truck') is specifically referred to as:</p> <p>a) Object Detection  b) Classification + Localisation  c) Image Classification  d) Image Segmentation</p>	1
ii.	<p>Which of the following statements is NOT true about supervised learning?</p> <p>a) Requires labeled data for training.  b) Used for classification and regression tasks.  c) Can be less efficient for large datasets.  d) Often used in image recognition applications.</p>	1
iii.	<p>In the context of Natural Language Processing (NLP) text normalization, what best describes the difference in output between stemming and lemmatization for the word 'caring'?</p> <p>a) Stemmed: caring, Lemmatized: caring  b) Stemmed: care, Lemmatized: car  c) Stemmed: car, Lemmatized: care  d) Stemmed: car, Lemmatized: car</p>	1
iv.	<p>Which of the following is a real-world use case of CNNs?</p> <p>a) Predicting stock market prices  b) Translating speech to text  c) Medical image analysis (e.g., tumor detection in X-rays)  d) Sorting emails into spam and non-spam</p>	1
v.	<p>Which type of chatbot requires extensive datasets for training, utilizes complex Natural Language Processing (NLP) stages (such as Semantic and Pragmatic Analysis), can design its own algorithms, and is characterized by its ability to adapt and improvise its output based on feedback and new data?</p> <p>a) Rule Bot    b) Script Bot    c) Smart Bot    d) Cleaning Bot</p>	
vi.	<p>Count and write the number of tokens in the given text:  "Tokenization is a fundamental step in Natural Language Processing. It breaks down raw text into smaller units called tokens, which can be words, characters, or sub words. This process allows AI models to understand and process human language efficiently."</p>	

## SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)  
 Answer each question in 20 – 30 words.

Q. 6	During a team meeting, Sarah is explaining a complex project idea to her colleagues. She speaks too quickly, uses jargon, and doesn't pause for questions. As a result, her team seems confused, and the project isn't fully understood. What can Sarah do to improve her verbal communication skills?	2
Q. 7	Stress management is crucial for success in life. List the three essential steps involved in managing stress.	2
Q. 8	Riya, a high school student, is preparing for a motivational workshop and has come across the concept of self-motivation. She wants to understand its significance. Based on this context, explain the term self motivation.	2
Q. 9	Discuss the challenges faced by entrepreneurs during the initial phase of setting up a business.	2
Q. 10	Reduced Inequalities' is one of the Sustainable development goals set by the UN. Give any two ways to reduce inequalities.	2

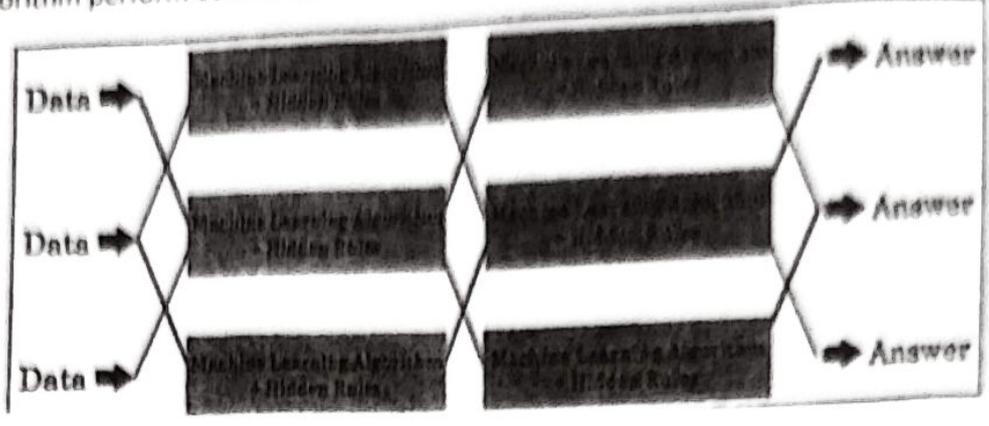
Answer any 4 out of the given 6 questions in 20 – 30 words each (2 x 4 = 8 marks)

Q. 11	Naina has learnt different types of modelling in the AI project life cycle. But she is confused about the Supervised and Unsupervised learning algorithms. Help her to understand them.	2
Q. 12	Imagine you have a smartphone camera app that can recognize objects. When you point your camera at a dog, the app identifies it as a dog, analyzing patterns and features in the image. Behind the scenes, the app's software processes the image, detecting edges, shapes, and colors, then compares these features to a vast database to make accurate identifications." Identify the technology used in the above scenario and explain the way it works.	2
Q. 13	Understanding both error and accuracy is crucial for effectively evaluating and improving AI models.". Draw the confusion matrix for the following data: The number of True positive = 100 The number of True Negative = 47                      The number of False Positive = 62 The number of False Negative = 290	2
Q. 14	Sirisha and Divisha want to make a model which will organize the unlabeled input data into groups based on features. Which learning model should they use and why?	2
Q. 15	What is the purpose of data exploration in the AI project cycle?	2
Q. 16	Identify the stage of NLP and explain. Incorrect: We are to the picnic going tomorrow. Correct: We are going to the picnic tomorrow.	2

Answer any 3 out of the given 5 questions in 50- 80 words each (4 x 3 = 12 marks)

Q. 17

Consider the following diagram. It explains a system of organised machine learning algorithm perform certain tasks. Identify the concept and explain its working.



4

Q. 18

On the basis of given below corpus generate TFIDF values of any three words.

- Document 1: We are going to Singapore.
- Document 2: Singapore is a famous tourist place.
- Document 3: We are going to a famous tourist place.

4

Q. 19

Recently the country has been shaken by many earthquakes, which has done many damage to humans and infrastructure. To address this issue, an AI model is created which can predict if there's a chance of an earthquake or not. The confusion matrix for the same is given below:

	Reality (Yes)	Reality (No)
Predicted (Yes)	50	05
Predicted (No)	25	20

- a) How many total cases are True Negative in the above scenario?(1 mark)
- b) Calculate Precision, Recall and F1 Score (1 mark each)

4

Q. 20

A company designs an AI recruitment system to shortlist job applicants. The model is trained using data from the company's previous successful employees. However, most of these employees were male engineers from a specific region. When the AI system is tested, it begins rejecting many female and out-of-region candidates, even if they have excellent qualifications and skills.

- a) Identify two distinct reasons why this algorithm produced biased or unfair results against qualified applicants. (2 Marks)
- b) Mention two principles of Bioethics that could be applied to this situation to ensure the AI solution is ethical and explain how each principle applies. (2 Marks)

4

Q. 21

- a) What is the name of the learning model that works with labeled datasets, where the machine is taught using solved examples to determine relationships through training? (1Mark)
- b) Name the two main sub-categories of this learning model. (1 Mark)
- c) Explain the types of Deep learning (2 Mark)

4