

HOLY MARY'S SCHOOL, BANUR

WINTER HOLIDAYS HOMEWORK (2025-26)

ENGLISH – LANGUAGE AND LITERATURE (CODE-184)

CLASS-X

Time allowed: 3 Hrs.

Maximum Marks: 80

General Instructions:

Read the instructions very carefully and follow them strictly:

- (i) This question paper comprises 11 questions. All questions are compulsory.
- (ii) The question paper contains THREE sections
Section-A: Reading Skills
Section-B: Grammar and Creative Writing
Skills Section-C: Literature Text Book
- (iii) Attempt questions based on specific instructions for each part.

Section: A READING (20 Marks)

Q.1) Read the following passage.

(10 Marks)

1. In recent years, India has asserted itself as a formidable force in the world of chess. A particularly notable milestone occurred in 2024 when 17-year-old Gukesh D clinched victory at The Candidates Chess Tournament in Toronto, making him the youngest challenger for the world title. His success not only broke records but also underscored India's growing influence in chess. Unlike a decade ago, when Viswanathan Anand was the sole Indian presence at the global level, the 2024 tournament featured five Indian players, including two women.
2. Gukesh's triumph and the emergence of other young talents are far from coincidental. A multitude of factors have contributed to India's ascendance in the chess arena. Key among these is the commitment of veteran Grandmasters to nurturing the next generation. They have established academies and training programs to hone emerging talent. For instance, Charvi Anilkumar, a promising 10-year-old chess player from Bengaluru, has been receiving guidance from Grandmaster RB Ramesh. Recognizing her aptitude early on, her parents have invested in her training, leading her to secure titles such as the Under-8 Girls World Championship in 2022.
3. The chess landscape in India has also benefited from increased governmental and private sector support. Many institutions provide a structured environment where young players can refine their skills under the guidance of accomplished coaches.

4. The surge of chess talent in India can be attributed to various interrelated factors. Advances in technology have provided young players with unprecedented access to online platforms, sophisticated training software, and a wealth of chess literature, enabling them to study strategies

employed by legends worldwide. The COVID-19 pandemic, despite its challenges, offered many of these youngsters the opportunity to sharpen their skills without the usual pressures of travel and competition.

5. Moreover, the consistent success of Indian players on the international stage has conferred a psychological advantage. As Grandmaster RB Ramesh notes, "Many are fearing playing against Indians," indicating that Indian players often start with a mental edge. Additionally, both governmental backing and private investments have enhanced the infrastructure supporting young chess aspirants.

6. The journey to attaining the prestigious title of Grandmaster demands unwavering commitment, sacrifice, and a robust support network. Charvi Anilkumar, for instance, has foregone watching television for five years to maintain her focus on chess. Gukesh D's coach, Grandmaster Vishnu Prasanna, has emphasised the extent of Gukesh's sacrifices, noting that he has largely set aside the experiences of a typical childhood to reach the apex of his sport. These anecdotes illustrate the level of dedication required to excel in the competitive world of chess.

7. Yet, experts like Viswanathan Anand and Grandmaster Ramesh maintain that the title of Grandmaster is attainable for anyone willing to put in the effort. "It's not about innate talent," says Anand. "Our cultural emphasis on learning and the competitive environment in India push young players to constantly improve." Grandmaster Ramesh concurs, noting, "Most of the children are inherently talented. The human mind is the foundational requirement to become a Grandmaster."

Answer the following questions, based on the passage above.

i) Infer why Grandmaster RB Ramesh says, "Many are fearing playing against Indians." (1 Mark)

ii) Decode the passage to identify one personal sacrifice made by Gukesh D or Charvi Anilkumar to excel in chess. (Paragraph-6) (1 Mark)

iii) Identify the sentence in which the word "**ascendance**" is used in the same sense as in the passage. (Paragraph-2) (1 Mark)

Sentences:

- a) The king's ascendance to the throne was celebrated by the entire kingdom.
- b) The old tree stood in quiet ascendance, untouched by the storm.
- c) The ascendance of technology has changed the way we communicate.
- d) She felt a sense of ascendance while listening to music in the park.

iv) Complete the analogy by selecting one of the correct options (1 Mark)

Gukesh D : Youngest Challenger :: Viswanathan Anand :?

- a) Coach
- b) Pioneer
- c) Opponent
- d) Spectator

v) According to Viswanathan Anand, success in chess depends mainly on: (1 Mark)

- a) Innate talent alone
- b) Cultural emphasis on learning and competition
- c) Luck and timing
- d) Avoiding sacrifices in childhood

vi) Which factor is highlighted as NOT contributing to India's chess success? (1 Mark)

- a) Guidance from veteran Grandmasters
- b) Increased access to technology
- c) Government and private support
- d) Reducing international competitions

vii) Explain how India's chess scenario has evolved from the era of Viswanathan Anand to the time of Gukesh D. (Paragraph-1) (2 Marks)

viii) Analyze the role of coaching, technology, and structured training programs in shaping the success of young Indian chess players. (Paragraph-4) (2 Marks)

Q.2) Read the following passage. (10 Marks)

1. Sleep plays a crucial role in maintaining overall health and well-being. Adequate and quality sleep is essential for various physiological and cognitive functions. Research has shown that insufficient sleep can have detrimental effects on both physical and mental health.

2. One of the key impacts of sleep deprivation is its effect on the immune system. Studies have found that lack of sleep can weaken the immune response, making individuals more susceptible to infections and diseases. Moreover, chronic sleep deprivation has been linked to an increased risk of developing chronic conditions such as obesity, diabetes and cardiovascular diseases.

3. In addition to physical health, sleep also plays a vital role in cognitive function and mental well-being. Sufficient sleep is necessary for optimal brain function, including memory consolidation learning, and problem-solving skills. Lack of sleep can impair cognitive performance, attention, and decision making, abilities. It has also been associated with an increased risk of mental health disorders such as depression and anxiety.

4. In conclusion, sleep is a fundamental pillar of good health. It is essential for maintaining a strong immune system, supporting cognitive function, and promoting mental well-being. Adequate sleep should be prioritized as part of a healthy lifestyle to prevent the development of chronic diseases and promote overall well-being.

Here is a table summarizing the recommended sleep duration for different age groups (data only for reference):

Age Group	Recommended Sleep Duration
Infants	14-17 hours
Toddlers	11-14 hours
Preschool	10-13 hours
School-age	9-11 hours
Teenagers	8-10 hours
Adults	7-9 hours

Answer the following questions, based on the passage above.

i) Select the option that is true for a **Statement (S)** and a **Reason (R)** given below. (1 Mark)

Statement (S): Lack of sleep can lead to obesity and diabetes.

Reason (R): Sleep deprivation affects the balance of hormones that control hunger and blood sugar levels.

- a) Both S and R are true, and R is the correct explanation of S.
- b) Both S and R are true, but R is *not* the correct explanation of S.
- c) S is true, but R is false.
- d) S is false, but R is true.

(ii) What is the overall tone of the passage? (1 Mark)

- a) Humorous
- b) Informative and persuasive
- c) Angry and critical
- d) Sad and emotional

iii) Identify whether the statements are FACT or OPINION: (1/2x2=1 Mark)

(a) Lack of sleep weakens the immune system and increases the risk of infections. (fact/opinion)

(b) Teenagers can easily manage with only four to five hours of sleep. (fact/opinion)

(iv) In the context of the passage, the word “*consolidation*” most nearly means:

(Paragraph-3) (1 Mark)

- a) Separation
- b) Strengthening
- c) Forgetting
- d) Relaxing

(v) According to the passage, what is one major effect of sleep deprivation on physical health? (Paragraph-2) (1 Mark)

- a) It increases body temperature
- b) It weakens the immune system
- c) It enhances digestion
- d) It improves blood circulation

(vi) Calculate the difference in maximum recommended sleep hours between infants and teenagers.
(1 Mark)

(vii) How does sleep contribute to better cognitive function and academic performance in students?
(Paragraph-3) (Answer in 30–40 words) (2 Marks)

(viii) Based on the passage, infer why prioritizing sleep is as important as maintaining a healthy diet or exercising regularly. (Paragraph-4) (Answer in 30–40 words) (2 Marks)

SECTION B : WRITING SKILL AND GRAMMAR (20 MARKS) GRAMMAR

(10 Marks)

Q.3) Complete ANY TEN of twelve of the following tasks, as directed. (1x10=10 Marks)

i. Select the correct option to complete the reporting of the dialogue given below: Mother:
Why aren't you playing with your friends?

Riyan: I am not feeling well today.

Mother asked Riyan.....Riyan replied that he was not feeling well that day.

- a) whether he was not playing with his friends
- b) that he was not playing with his friends
- c) why he wasn't playing with his friends
- c) why wasn't he playing with his friends

ii. Complete the given school announcement by selecting the correct option to fill in the blank Good news, everyone!

Our school's cricket team has successfully.....a place in the finals.

(a) securing	(b) secured
(c) will secure	(d) had secured

iii. _____ left an envelope for Ravi on his desk.

(a) Somebody	(b) None
(c) Everybody	(d) Anybody

iv. Select the correct option to fill in the blank for the given line.

.....I suggest a suitable change in your plan?

(a) May	(b) Would
(c) Must	(d) Will

v. Select the option that identifies the error and supplies the correction for the following line Simon usually ate breakfast before he goes to school.

Option No.	Error	Correction
(a)	before	after
(b)	usually	always
(c)	goes	went
(d)	ate	eat

vi. Identify the error and supply the correction for the given sentence from an advertisement. The board invite online applications from eligible candidates for the post of a junior clerk.

Error	Correction

vii. Ronit and Remo are discussing their plans for the weekend. Complete the dialogue below by choosing the correct option.

Ronit : How do you like the idea of going to the movie?

Remo : That sounds good, But I..... my parent's permission.

viii. Complete the given sentence, by filling in the blank with the correct option :

Had the security not reached there in time, the intruder.....him.

ix. Transform the following direct speech into indirect speech :

I said, "Revati, can I get your sample question set now?"

x. Report the dialogue between Ishan and John, by completing the narration : Ishan:

Where are you going?

John: I am going for the shopping. Do you want anything?

Ishan asked John.....John replied that he was going for the shopping and he further asked if he wanted anything.

xi Select the correct option to complete the given sentence from a handbook for managers. The manager.....consider the proposal before making a decision.

xii. Identify the error in the given sentence and supply the correction. Has she got some evidence that he caused the trouble?

Use the given format for your response.

Error	Correction

WRITING SKILL (10 Marks)

NOTE: All details presented in the questions in writing section are imaginary and created for assessment purpose.

Q.4- (A) You are Rohini/Rohan, a Class X student from Glorious International School, Andheri. Last month, you participated in a cleanliness drive organised by your school in collaboration with the local municipal authorities. The drive was aimed at raising awareness about hygiene and civic responsibility among residents of nearby slum areas. The experience taught you the value of teamwork, empathy, and proactive citizenship. Write a letter (about 120 words) to the editor of a leading newspaper, sharing your experience and encouraging other students to take part in such social initiatives to bring about positive

change.

(5 Marks)

OR

(B) As Kavita/Kavish Rana of Royal Apartments, M.G. Nagar, Pune you feel that the increasing noise levels from construction activities, traffic and loud gatherings are disrupting the peace and tranquillity of your neighbourhood. This is particularly problematic during late hours and is impacting the sleep and well-being of residents. Write a letter to the DM of your city area, in about 120 words, stating the problem and requesting him to take necessary action for controlling the problem of noise. Give suitable suggestions.

(5 Marks)

Q.5-A) You are the Cultural Secretary of your school. Two professional artists—Mr. Arvind Rao and Ms. Kavita Mehta—have written to express their interest in conducting a workshop on Creative Arts for your school's annual cultural fest. Read the excerpts from their letters carefully and answer the question that follows.

Excerpt

1:

...I am delighted to offer a workshop on creative arts at your school. With 15 years of experience as a painter and art educator, I have conducted over 100 workshops across the country. My sessions focus on blending traditional and modern art forms, allowing students to explore their imagination freely. Many of my students have showcased their work in state- level exhibitions. I believe my expertise will help your students develop both skill and confidence in art.

Best regards, Mr. Arvind
Rao

Excerpt

2:

...I would be honoured to conduct a creative arts workshop during your school's cultural fest. As a digital artist and graphic designer, I specialise in teaching students how to use technology to express their creativity. I have led sessions at various schools and design institutes, focusing on digital illustration, animation, and poster creation. My workshops encourage innovation and help students connect art with real-world applications.

Yours sincerely, Ms. Kavita
Mehta

Question:

Analyse the information in a paragraph, justifying which artist would be a better choice to conduct the workshop. Consider factors such as experience, relevance to the theme, and student engagement. (5 Marks)

OR

Q.5-B) Rohan, a class X student, is preparing for an **inter-school science exhibition**. He is innovative, curious, and has strong research skills. However, he sometimes struggles to organise his findings and complete projects within the given timeline. He needs to choose a

partner from **Neha, Arjun, and Simran**. Read their profiles carefully and then analyse who would be the best partner for Rohan.

Neha:

Neha is systematic and methodical in her work. She is known for her excellent record-keeping and attention to detail. She ensures that every task is completed on time and according to plan. However, she sometimes hesitates to experiment with new ideas or take creative risks.

Arjun:

Arjun is energetic and full of innovative ideas. He loves exploring new possibilities and is quick to adapt to changes. However, he tends to get distracted easily and often leaves tasks unfinished.

Simran:

Simran is confident and persuasive. She has great presentation skills and communicates complex ideas effectively. However, she relies on others for research and planning, as her strengths lie more in communication than in execution.

Question:

Based on the qualities of each candidate, analyse and decide who would be the most suitable partner for Rohan. Consider aspects such as complementary strengths, teamwork, and the nature of the project. (5 Marks)

SECTION C: LITERATURE TEXTBOOK (40 marks)

Q.6) Read the given extracts and answer **ANY ONE** of the two questions given below

(5 Marks)

Q.6-A) **CHUBUKOV:** *You may take it that I know whether I have the right or not. Because, young man, I'm not used to being spoken to in that tone of voice, and so on. I, young man, am twice your age, and ask you to speak to me without agitating yourself, and all that.*

LOMOV: *No, you just think I'm a fool and want to have me on! You call my land yours, and then you want me to talk to you calmly and politely! Good neighbours don't behave like that, Stepan Stepanovitch! You're not a neighbour, you're a grabber! (The Proposal)*

I. Contradict the view that the argument between Chubukov and Lomov is polite and calm. (2 Marks)

II. Which statement best describes the relationship between Chubukov and Lomov in this extract? (1 Mark)

- a) Cordial neighbours
- b) Friendly acquaintances
- c) Tense and argumentative neighbours

III. What can be inferred about Lomov's feelings toward Chubukov's behaviour? (1 Mark)

IV. Classify the following words into words expressing emotion and words expressing action:

i) agitating ii) call iii) angry iv) spoken v) talk (1 Mark)

No.	Emotion	Action
a	i, iii	ii, iv, v
b	iii, v	i, ii, iv
c	i, ii	iii, iv, v
d	i, iii, v	ii, iv

OR

Q.6- B) At the end of ten years, they had restored all. Mme Loisel seemed old now. She had become a strong, hard woman, the crude woman of the poor household. Her hair badly dressed, her skirts awry, her hands red, she spoke in a loud tone, and washed the floors with large pails of water. But sometimes, when her husband was at the office, she would seat herself before the window and think of that evening party of former times, of that ball where she was so beautiful and so flattered.

How would it have been if she had not lost the necklace? Who knows? How singular is life and how full of changes! How small a thing will ruin or save one! (The Necklace)

I. What does the description “*the crude woman of the poor household*” reveal about Mme Loisel’s transformation over the years? (2 Marks)

II. Which of the following best captures Mme Loisel’s feelings as she remembers the ball? (1 Mark)

- a) Bitterness over her lost youth and beauty
- b) Gratitude for having experienced luxury once
- c) Pride in her sacrifice and hard work
- d) Satisfaction with her present life

III. The contrasting imagery of “*beautiful and admired*” versus “*red hands*” and “*badly dressed hair*” primarily highlights — (1 Mark)

- a) The effects of wealth and fame
- b) The difference between illusion and reality
- c) The rewards of honesty and humility
- d) The importance of outer appearance

IV. Read the following expressions from the extract: (1 Mark)

- i) restored everything
- ii) spoke in a loud tone
- iii) think of that evening
- iv) great swishes of water

Select the option that correctly categorises (i)–(iv) as **actions** or **reflections**.

No.	Actions	Reflections
a	i, ii, iv	iii
b	ii, iii	i, iv

No.	Actions	Reflections
c	iii, iv	i, ii
d	i, iii	ii, iv

Q.7) Read the given extracts and answer **ANY ONE** of the two questions given below (5 Marks)

Q.7-A) Don't bite your nails, Amanda!

Don't hunch your shoulders, Amanda!

Stop that slouching and sit up straight, Amanda!

(There is a languid, emerald sea,
where the sole inhabitant is me—

a mermaid, drifting blissfully.) (Amanda! – Robin Klein)

I. Which emotions are most appropriately conveyed through Amanda's imagined world under the sea? (1 Mark)

i) freedom ii) joy iii) rebellion iv) peace v) irritation

Select the correct option.

A. i, ii, iv
B. iii, iv, v
C. i, iii, v
D. ii, iv, v

II. What does the contrast between the mother's commands and Amanda's imagination reveal about her character? (2 Marks)

III. Which line from the extract best captures Amanda's desire for escape from her daily restrictions? (1 Mark)

IV. Fill in the blank to suitably complete the sentence: (1 Mark)

Amanda imagines herself as a mermaid because she wants to experience _____.

Q.7-B) All night the roots work

to disengage themselves from the cracks
in the veranda floor.

The leaves strain toward the glass
small twigs stiff with exertion
long-cramped boughs shuffling under the roof
like newly discharged patients
half-dazed, moving
to the clinic doors. (The Trees – Adrienne Rich)

I. What emotions are most appropriately conveyed by the phrases “strain toward the glass” and “long-cramped boughs shuffling under the roof”? (1 Mark)

i) struggle ii) excitement iii) freedom iv) exhaustion v) hope
Select the correct option.

- A. i, iii, v
- B. ii, iii, iv
- C. i, ii, v
- D. i, iv, v

II. Explain how the poet uses the image of “*newly discharged patients*” to convey the theme of the poem. (2 Marks)

III. Which line from the extract best suggests the idea of nature's desire to break free from human confinement? (1 Mark)

IV. Fill in the blank with a suitable phrase to complete the sentence: (1 Mark)
The poet presents the trees as a symbol of _____ against restriction.

Q.8) Answer **ANY FOUR** of the following five questions, in about 40-50 words (4x3=12 Marks)

i) How did the postmaster and his employees respond to Lencho's letter, and what does it reveal about human compassion? (A Letter to God)

ii) What ideals motivated Nelson Mandela in his struggle against apartheid? (Nelson Mandela: Long Walk to Freedom)

iii) Write the appropriate response comprising of at least two reasons to present a counter to the following:

“Zoo should be banned. It’s not right to keep animals this way”. (A Tiger In The Zoo)

iv) The young seagull “failed to muster up courage to take that plunge”.

How can the term “plunge” in the context of the young seagull’s hesitation be interpreted both literally and metaphorically? Explain. (His First Flight)

v) What does Mijbil's behaviour suggest about the otter's adaptability to urban surroundings?
(Mijbil the Otter)

Q.9) Answer **ANY TWO** of the following three questions, in about 40-50 words (2x3=6 Marks)

i) Validate the importance of small, fun learning tasks towards successful careers, in the context of Richard Ebright in ‘The Making of a Scientist.’

ii) What transformation does Tricki undergo during his stay at Dr. Herriot's clinic? (A Triumph of Surgery)

iii) How does Bholi's character evolve by the end of the story? (Bholi)

Q.10) Answer **ANY ONE** of the following two questions, in about 100-120 words.

(1x6=6 Marks)

i) Compare how **Valli** in '*Madam Rides the Bus*' and **Anne Frank** in '*From the Diary of Anne Frank*' demonstrate courage and a desire for independence. How do their actions reflect their yearning for freedom and self-expression despite restrictions in their lives?

ii) Compare how the **boy** in '*The Ball Poem*' and the **Buddha** in '*Sermon at Benares*' deal with loss and the impermanence of life. How do their experiences and teachings help in understanding the value of detachment and acceptance?

Q.11) Answer **ANY ONE** of the following two questions, in about 100-120 words

(1x6=6 Marks)

i) Describe the twist in the plot in '*The Midnight Visitor*'. Analyse how Fowler's opinion of Ausable must have undergone a change after the plot twist.

ii) Trace the character arc of Think Tank focusing on his shift from arrogance to humility when he feels that he has underestimated earthlings. (*The Book That Saved The Earth*)

HOLY MARY'S SCHOOL, BANUR

SESSION - 2025 - 2026

WINTER HOLIDAY'S HOMEWORK

SAMPLE PAPER

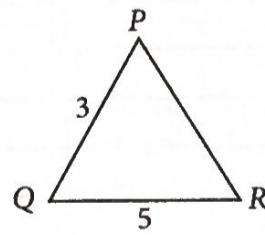
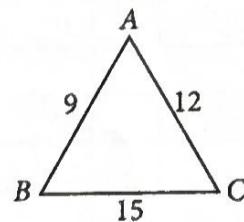
CLASS - X

Subject - MATHEMATICS (BASIC)

SECTION A

(Multiple Choice Questions)

Each MCQ of 1 mark, has four options with only one correct option, choose the correct option.

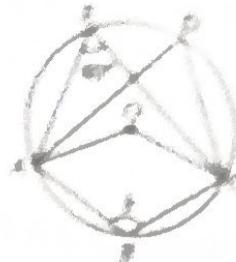


3. Find the discriminant of the quadratic equation $2\sqrt{3}x^2 + 10x + \sqrt{3} = 0$.

4. Find the coordinates of midpoint of the line segment joining the points $A(4, 6)$ and $B(-8, -2)$.

(a) 4 (c) 3	(b) 6 (d) 8
(a) 8 (c) 36	(b) 76 (d) 64
(a) $(1, 1)$ (c) $(-1, -1)$	(b) $(-2, 2)$ (d) $(1, -1)$

5. In the given figure, O is the center of circle. $\angle AOC = 60^\circ$, then the value of b is



(a) 120°

(b) 100°

(c) 160°

(d) 140°

If $4 \tan \beta = 3$, then $\frac{4 \sin \beta - 3 \cos \beta}{4 \sin \beta + 3 \cos \beta} =$

(a) 0

(b) $\frac{1}{3}$

(c) $\frac{2}{3}$

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

7. The H.C.F. of 132 and 1001 is

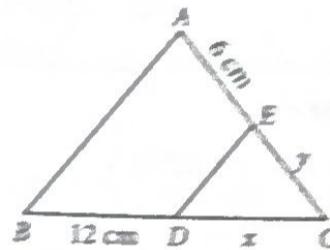
(a) 132

(b) 1001

(c) 12

(d) 11

8. In figure, $DE \parallel AB$. If $AE = 6 \text{ cm}$ and $BD = 12 \text{ cm}$, then find $x : y$.



(a) 2 : 1

(b) 1 : 3

(c) 4 : 1

(d) 1 : 2

9. If α, β are the zeroes of the polynomial $p(x) = 5x^2 - 6x - 7$, then $\alpha + \beta$ is equal to

(a) $\frac{7}{3}$

(b) $-\frac{7}{3}$

(c) $\frac{3}{7}$

(d) $\frac{6}{5}$

10. A tangent PQ at a point P of a circle of radius 21 cm meets a line through centre O at a point Q so that $OQ = 29 \text{ cm}$. Length PQ is

(a) 20 cm

(b) 14 cm

(c) 24 cm

(d) 26 cm

11. If $a = \cos A + \sin A$ and $b = \cos A - \sin A$, then $\sqrt{\frac{a}{b}} + \sqrt{\frac{b}{a}} =$

(a) $2 \cos A$

(b) $\frac{2}{\sqrt{1 + \sec^2 A}}$

(c) $\frac{2}{\sqrt{1 - \tan^2 A}}$

(d) $2\sqrt{1 - \tan^2 A}$

12. If areas of two circles are 1386 cm^2 and 962.5 cm^2 , then area of ring so formed is

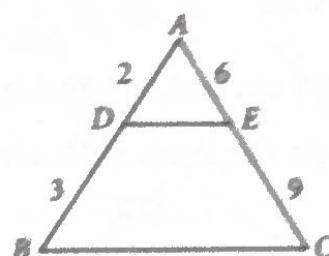
(a) 433.5 cm^2

(b) 423.5 cm^2

(c) 422.5 cm^2

(d) 420.3 cm^2

13. For the given triangle, which of the following is true?



(a) $DE = BC$

(b) $DE \parallel BC$

(c) $DE = 1/2 BC$

(d) None of these

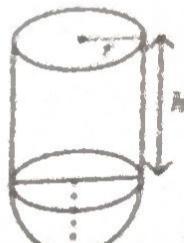
14. A solid is hemispherical at the bottom and conical (of same radius) above it. If the surface areas of the two parts are equal, then the ratio of its radius and the slant height of the conical part is
 (a) $2:1$ (b) $1:2$ (c) $1:4$ (d) $4:1$

15. If $\sec\theta + \tan\theta = 13$, then the value of $\sec\theta - \tan\theta$ is
 (a) $\frac{8}{13}$ (b) $\frac{6}{13}$ (c) $\frac{5}{13}$ (d) $\frac{1}{13}$

16. If $\sum f_i = 21$, $\sum f_i x_i = 4p + 32$ and the mean of distribution is 4, then find the value of p .
 (a) 8 (b) 18 (c) 13 (d) 9

17. If $\sin\theta = \cos\theta$, then the value of θ is
 (a) 90° (b) 45° (c) 60° (d) 30°

18. The total surface area of solid opened at the top in the given figure is



(a) $2\pi r(h + r)$ (b) $2\pi r h$ (c) $2\pi r(h + l)$ (d) $2\pi r(h - r)$

Each of the following questions contains two statements i.e., **ASSERTION** and **REASON** and has following choices. Only one of which is the correct answer.

19. **ASSERTION (A)** : If $P(E) = 0.42$, then $P(\bar{E}) = 0.58$.

REASON (R) : $P(\bar{E}) = 1 - P(E)$.

(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.

20. **ASSERTION (A)** : If $a_7 - a_{11} = 300$, then $d = -65$.

REASON (R) : n^{th} term of an A.P. is given by $a_n = a + (n - 1)d$, where a , d and n are first term, common difference and number of terms respectively.

(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.

SECTION B

(Very Short Answers)

This section comprises of VSA of 2 marks each.

21. Solve the pair of linear equations using elimination method $7x - 5y = 11$, $3x + 4y = 17$.

22. $ABCD$ is a trapezium such that $BC \parallel AD$ and $AB = 4$ cm. If the diagonals AC and BD intersect at O such that $\frac{AO}{CO} = \frac{OB}{OD} = \frac{1}{2}$, then find the value of CD .

23. A solid right circular cone of diameter 14 cm and height 8 cm. Find the curved surface area of cone.

24. (a) If the points $A(4, 3)$ and $B(x, 5)$ are on the circle with centre $O(2, 3)$, then find the value of x .

OR

(b) Find the coordinate of the point which divides the line segment joining the points $(-4, 6)$ and $(3, -8)$ in the ratio $3:2$ internally.

25. (a) If $\sin \theta = a/b$, then find the values of $\tan \theta$ and $\sec \theta$.

OR

(b) For what value of A , $\frac{\cos A + \sin A}{\cos A - \sin A} = \frac{\sqrt{3} + 1}{\sqrt{3} - 1}$.

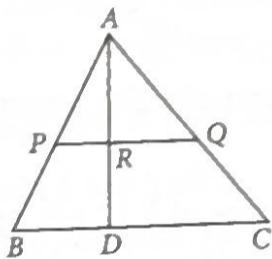
SECTION C

(Short Answers)

This section comprises of SA type questions of 3 marks each.

26. If the point on x -axis, which is equidistant from the points $(2, -5)$ and $(-2, 9)$ is (p, q) , then find the distance of the point (p, q) from origin.

27. In the given figure, $AP = 3 \text{ cm}$, $AR = 4.5 \text{ cm}$, $AQ = 6 \text{ cm}$, $AB = 5 \text{ cm}$ and $AC = 10 \text{ cm}$, then find AD .



28. (a) Find acute angle A and B , if $\sin(A + 2B) = \frac{\sqrt{3}}{2}$ and $\cos(A + 4B) = 0$, $A > B$.

OR

(b) Prove the following identity : $\frac{1}{\operatorname{cosec} \theta - \cot \theta} - \frac{1}{\sin \theta} = \frac{1}{\sin \theta} - \frac{1}{\operatorname{cosec} \theta + \cot \theta}$

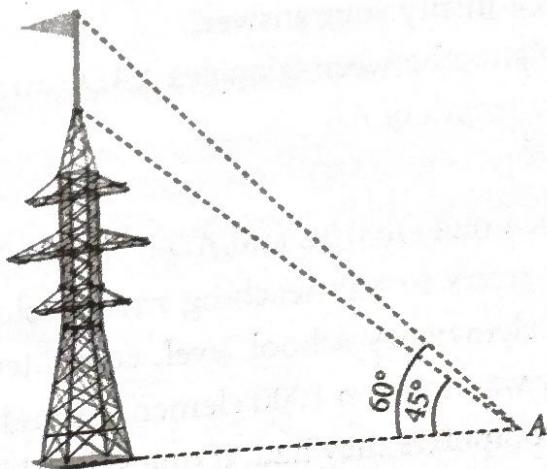
29. If product of the zeroes of the polynomial $kx^2 + 41x + 42$ is 7, then find the zeroes of the polynomial $(k - 4)x^2 + (k + 1)x + 5$.

30. (a) Seven years ago, Varun's age was five times the square of Swati's age. Three years hence, Swati's age will be two fifth of Varun's age. Find their present ages.

OR

(b) Solve for x : $\frac{x+4}{x-4} + \frac{x-4}{x+4} = \frac{10}{3}$

31. A pole 5 m high is fixed on the top of a tower. The angle of elevation of the top of the pole observed from a point A on the ground is 60 degree and the angle of depression of point A from the top of the tower is 45°. Find the height of the tower. (Take $\sqrt{3} = 1.732$)



SECTION D

(Long Answers)

This section comprises of LA type questions of 5 marks each.

32. A, B and C start cycling around a circular path in the same direction and at the same time. Circumference of the path is 1980 m. If the speed of A is 330 m/min, speed of B is 198 m/min and C is 220 m/min and they start from the same point, then after how much time will they meet again?

33. (a) Which term of the Arithmetic Progression $-7, -12, -17, -22, \dots$ will be -82 ? Is -100 any term of the A.P.? Give reason for your answer.

OR

(b) The sum of three numbers in A.P. is 12 and sum of their cubes is 288. Find the numbers.

34. (a) Two circles touch externally. The sum of their areas is 130π sq. cm and the distance between their centres is 14 cm. Find the radii of the circles.

OR

(b) A path of 5 m width runs round a semi-circular grassy plot whose circumference is $163\frac{3}{7}$ m. Find

- the area of the path
- the cost of gravelling the path at the rate of ₹ 12 per sq. m.
- the cost of turfing the plot at the rate of 45 paise per m^2 .

35. Calculate the mode for the following frequency distribution.

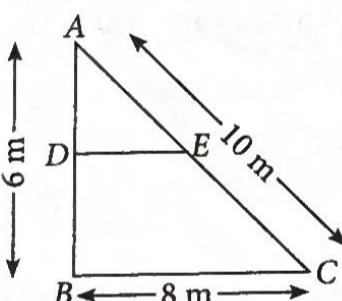
Class interval	1-4	5-8	9-12	13-16	17-20	21-24	25-28	29-32	33-36	37-40
Frequency	2	5	8	9	12	14	14	15	11	10

SECTION E

(Case-study Based Questions)

This section comprises of 3 case-study based questions of 4 marks each with three sub-parts.

36. Ravi is designing a triangular garden ABC. He places three poles at points A, B, and C such that angle $B = 90^\circ$.



The measured lengths are $AB = 6$ m, $BC = 8$ m and $AC = 10$ m. To decorate the garden, Ravi draws a line DE parallel to BC that intersects AB at D and AC at E .

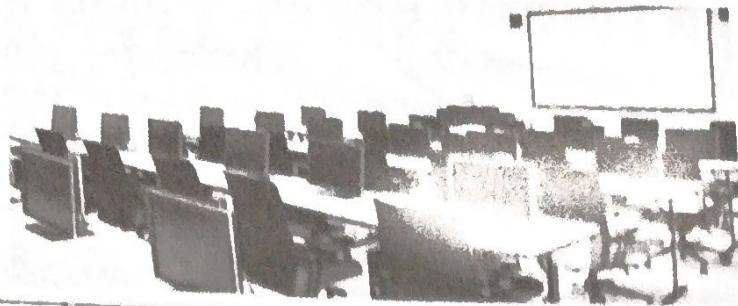
Based on the above information, answer the following question :

- What type of triangle is $\triangle ABC$? Justify your answer.
- If $DE \parallel BC$, then what is the relation between triangles $\triangle ADE$ and $\triangle ABC$?
- (a) If $AD = 3$ m, then find the length of AE .

OR

(b) Find the length of DE , given that $DE \parallel BC$ and $AD : AB = 1 : 2$.

37. Computer-based learning (CBL) refers to any teaching methodology that makes use of computers for information transmission. At an elementary school level, computer applications can be used to display multimedia lesson plans. A survey was done on 1000 elementary and secondary schools of Assam and they were classified by the number of computers they had. If one school is chosen at random.



Number of Computers	0-10	11-20	21-50	51-100	101 and more
Number of Schools	250	200	290	180	80

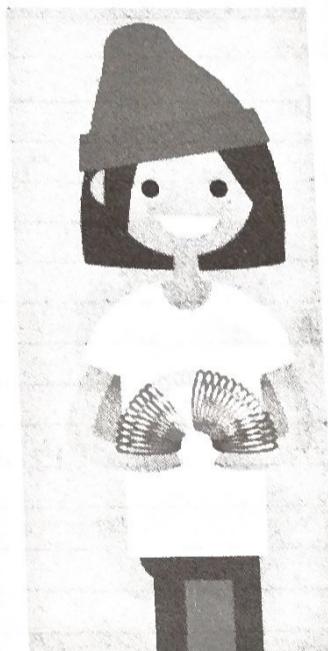
Based on the above information, answer the following questions.

- Find the probability that the school chosen at random has more than 100 computers.
- Find the probability that the school chosen at random has 50 or fewer computers.
- (a) Find the probability that the school chosen at random has not more than 20 computers.

OR

- Find the probability that the school chosen at random has 10 or less than 10 computers.

38. Yana was playing with a slinky spring and asked her brother Vedant, what is the shape thus formed called. Vedant explained her that the shape formed is a parabola. He also explained her that parabola is the graphical representation of a quadratic polynomial.



Based on the above information, answer the following questions.

- Vedant drawn a parabola passing through $(-4, 3), (-1, 0), (1, 8), (0, 3), (-3, 0)$ and $(-2, -1)$ on the graph paper, then what are the zeroes of the polynomial representing the graph?
- Find the sum of zeros of a quadratic polynomial $ax^2 + bx + c, a \neq 0$.
- (a) Find the of rational roots of the quadratic equation $x^2 - 5x + 6 = 0$, if exist.

OR

- Find the equal roots of the quadratic equation $9x^2 + 6x + 1 = 0$.



Visit : <https://sholink.to/809f953c> or scan the given QR Code to download answers of this SQP.



HOLY MARY'S SCHOOL, BANUR

SESSION - 2025 - 2026

WINTER HOLIDAY'S HOMEWORK

SAMPLE PAPER

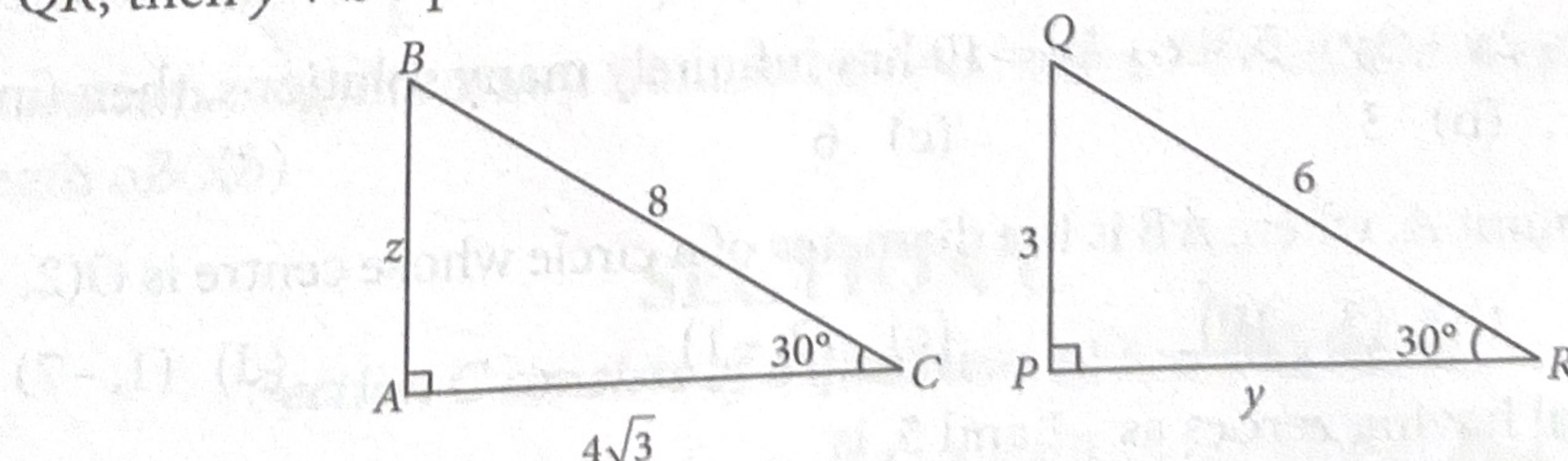
CLASS - X

SUBJECT - MATHEMATICS (STANDARD)

SECTION A

Section A consists of 20 questions of 1 mark each.

- If the common difference of an A.P. is 5, then the value of $a_{18} - a_{13}$ is
(a) 5 (b) 20 (c) 25 (d) 30
- The probability of occurrence of an event can never be
(a) 1 (b) greater than 1
(c) 0 (d) None of these
- A letter is chosen at random from the letters of the word 'PRONUNCIATION'. Then, the probability that the letter chosen is a vowel, is
(a) $\frac{6}{13}$ (b) $\frac{2}{3}$ (c) $\frac{1}{8}$ (d) $\frac{7}{13}$
- If $\text{HCF}(26, 169) = 13$, then $\text{LCM}(26, 169)$ is equal to
(a) 26 (b) 529 (c) 338 (d) 13
- The value of x for which the distance between the points $P(3, 4)$ and $Q(x, 7)$ is $\sqrt{13}$ units is
(a) 1, -5 (b) -1, 5 (c) 1, 5 (d) -1, -5
- If $\Delta ABC \sim \Delta PQR$, then $y + z$ equals



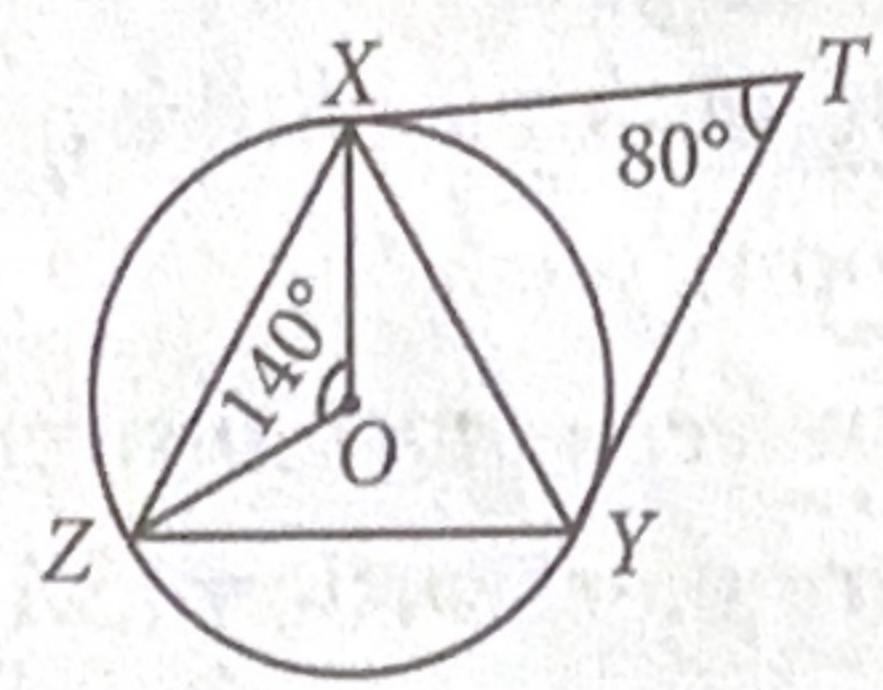
(a) $2 + \sqrt{3}$ (b) $4 + 3\sqrt{3}$ (c) $4 + \sqrt{3}$ (d) $3 + 4\sqrt{3}$

7. $2(\cos^4 60^\circ + \sin^4 30^\circ) - (\tan^2 60^\circ + \cot^2 45^\circ) + 3 \sec^2 30^\circ$ is equal to
 (a) $1/2$ (b) 1 (c) $3/4$ (d) $1/4$

8. Find the condition to be satisfied by the coefficients for which the following pair of equations $ax + by + c = 0, dx + ey + f = 0$ represent coincident lines.
 (a) $ab = ed; bf = ce$ (b) $ae = bd; bc = ef$ (c) $ad = bc; bf = ce$ (d) $ae = bd; bf = ce$

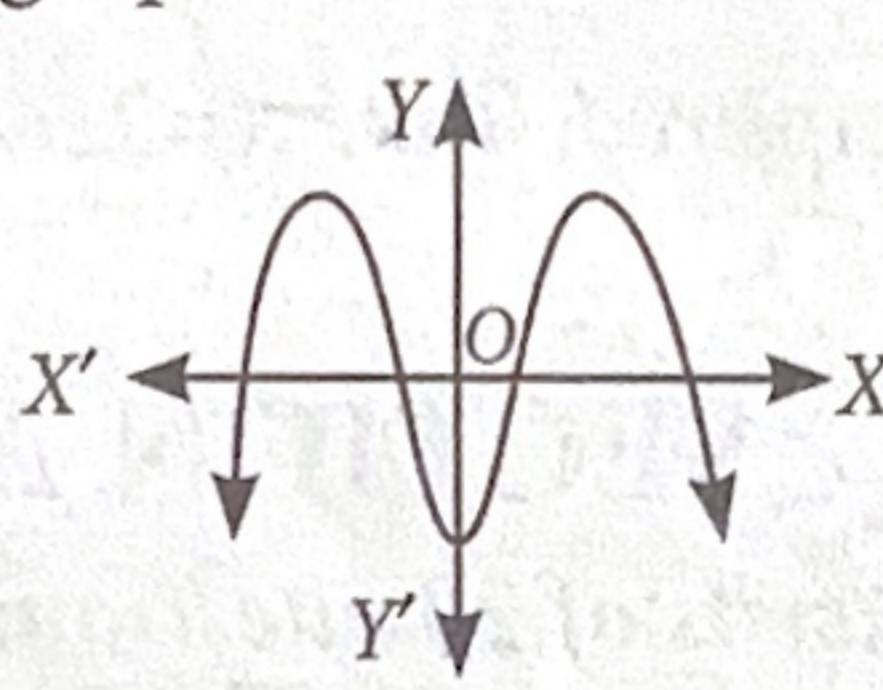
9. A bag contains 4 red, 5 black and 3 yellow balls. A ball is taken out of the bag at random. Then, the probability that the ball taken out is not of yellow colour is
 (a) $\frac{2}{3}$ (b) $\frac{1}{3}$ (c) $\frac{3}{4}$ (d) $\frac{1}{2}$

10. In the given figure, O is the centre of the circumcircle of triangle XYZ. Tangents at X and Y intersect at T. Given $\angle XTY = 80^\circ$ and $\angle XOZ = 140^\circ$. Find the value of $\angle ZXY$.

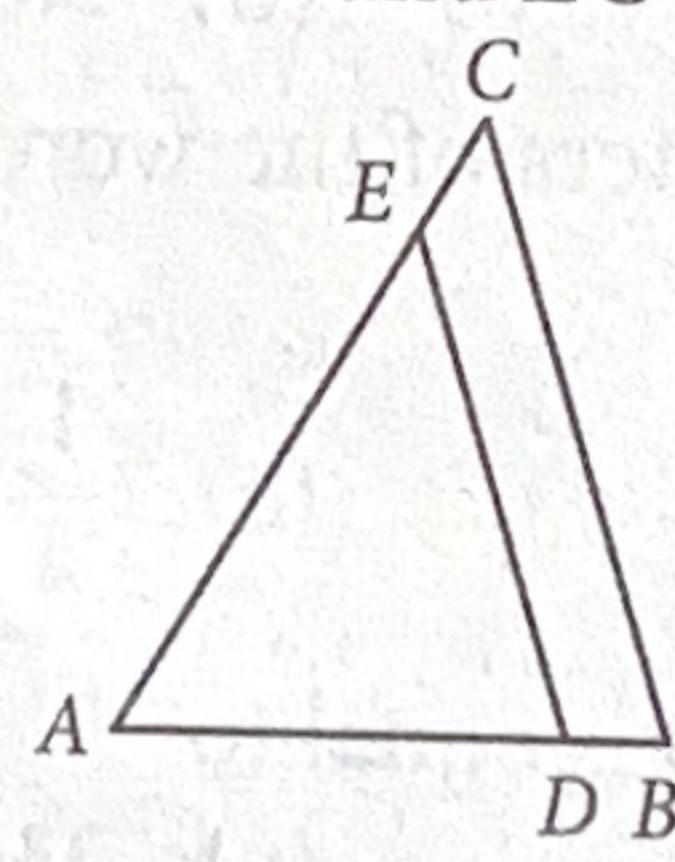


(a) 60° (b) 40° (c) 70° (d) 90°

11. The middle most observation of every data arranged in order is called
 (a) mode (b) median (c) mean (d) deviation

12. The number of zeroes of $p(x)$ for the given graph is

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

13. If the distance of the point $(4, a)$ from x -axis is double its distance from y -axis, then the value of a is
 (a) 5 (b) 8 (c) 16 (d) 4

14. In figure, $DE \parallel BC$. If $AD = x$, $DB = x - 2$, $AE = x + 2$ and $EC = x - 1$, then the value of x is

 (a) 12 (b) 15 (c) 10 (d) 4

15. If $2\sin 2\theta = \sqrt{3}$, then 'θ' is equal to
 (a) 30° (b) 45° (c) 60° (d) None of these

16. If the system of equations $2x + 3y = 5$, $4x + ky = 10$ has infinitely many solutions, then find k .
 (a) 4 (b) 3 (c) 6 (d) 8

17. Find the coordinates of point A, where AB is the diameter of a circle whose centre is O(2, -3) and B is (1, 4).
 (a) (2, 10) (b) (3, -10) (c) (3, -1) (d) (1, -7)

18. The quadratic polynomial having zeroes as -2 and 5, is
 (a) $x^2 - 5x - 10$ (b) $x^2 + 3x + 10$ (c) $x^2 + 3x - 10$ (d) $x^2 - 3x - 10$

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 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. **Assertion (A) :** The value of k for which the equation $kx^2 - 12x + 4 = 0$ has equal roots is 9.

Reason (R) : The equation $ax^2 + bx + c = 0$, ($a \neq 0$) has equal roots, if $b^2 - 4ac > 0$.

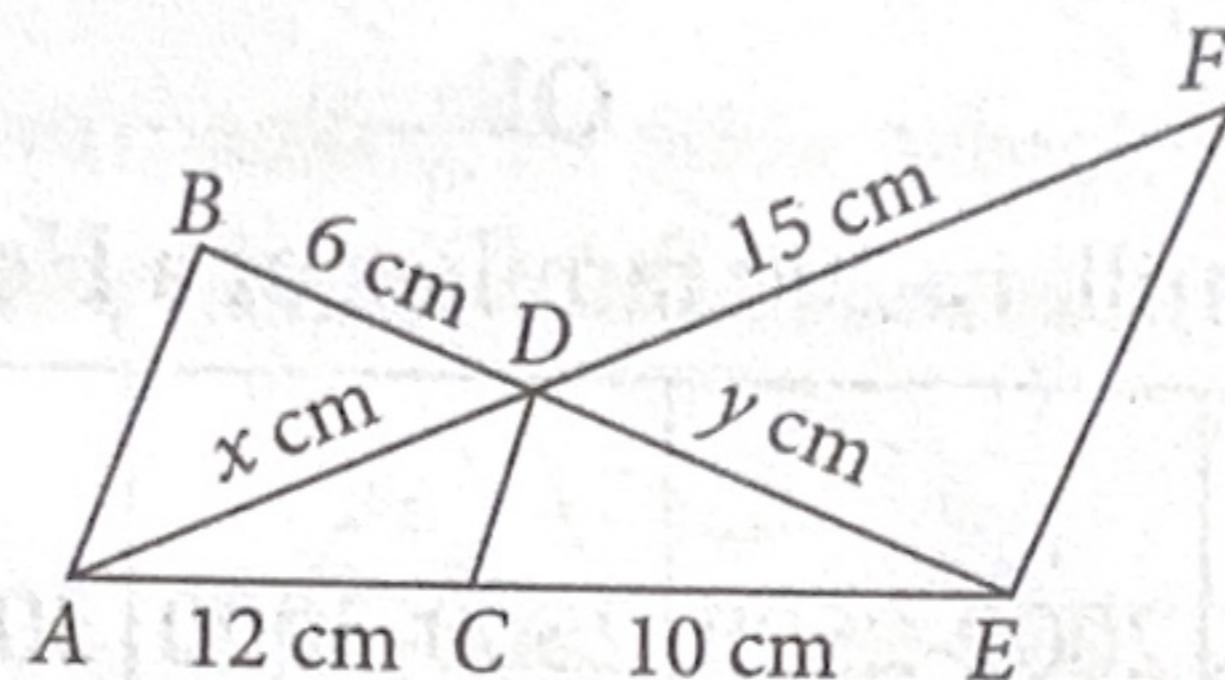
20. **Assertion (A) :** If $5 \cot \theta = 3$, then value of $\frac{7 \sin \theta + 4 \cos \theta}{5 \sin \theta - 4 \cos \theta}$ is $\frac{47}{13}$.

Reason (R) : $\tan \theta = \frac{1}{\sin \theta}$.

SECTION B

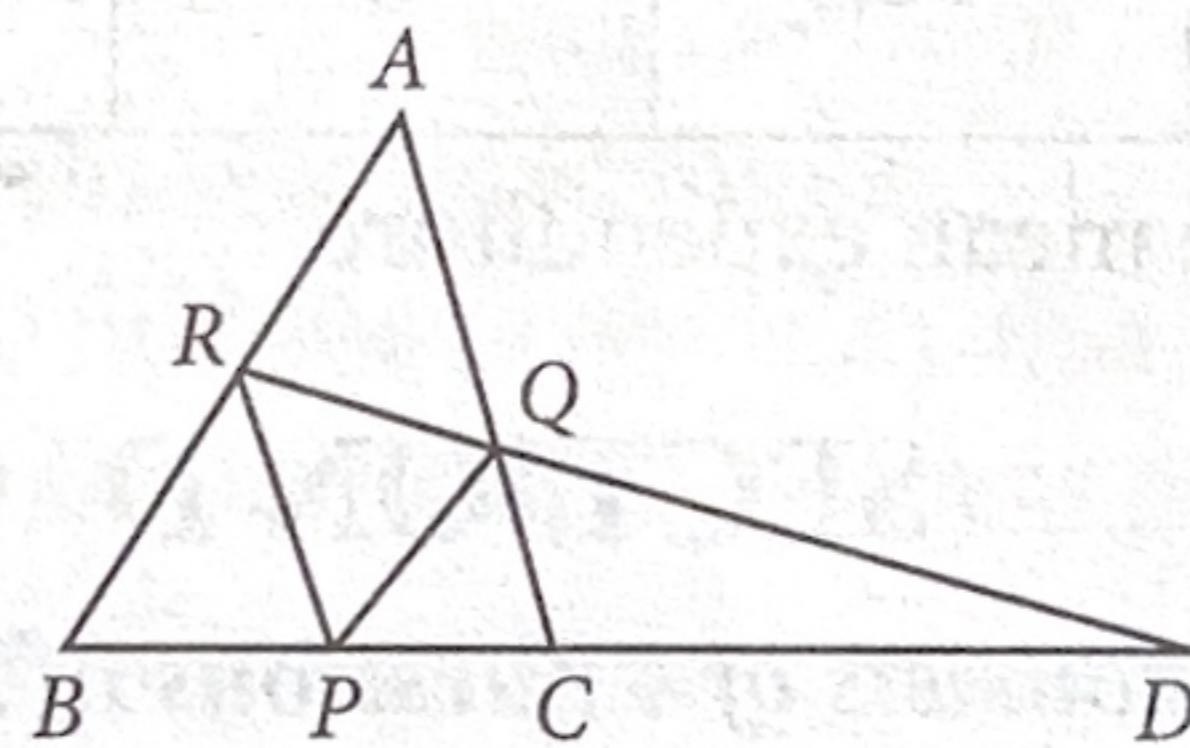
Section B consists of 5 questions of 2 marks each.

11. (a) In figure, $AB \parallel CD \parallel EF$. If $DF = 15 \text{ cm}$, $AD = x \text{ cm}$, $EC = 10 \text{ cm}$, $BD = 6 \text{ cm}$, $AC = 12 \text{ cm}$ and $DE = y \text{ cm}$, then calculate the values of x and y .



OR

(b) In the given figure, $PQ \parallel BA$; $PR \parallel CA$. If $PD = 12 \text{ cm}$. Find the value of $BD \times CD$.



12. For what values of n , the equation $2x^2 - nx + n = 0$ has coincident roots?

13. (a) Show that $\operatorname{cosec}^2 60^\circ \sec^2 30^\circ \cos^2 0^\circ \sin 45^\circ \cot^2 60^\circ \tan^2 60^\circ = \frac{8\sqrt{2}}{9}$.

OR

(b) If $\sin(A + B) = 1$ and $\sin(A - B) = \frac{1}{2}$, where $0^\circ < A + B \leq 90^\circ$ and $A > B > 0^\circ$, then find A and B .

14. From a solid cube of side 7 cm, a conical cavity of height 7 cm and radius 3 cm is hollowed out. Find the volume of the remaining solid. $\left[\text{Use, } \pi = \frac{22}{7} \right]$

15. If the angle between two tangents drawn from an external point P to a circle of radius a and centre O , is 60° , then find the length of OP .

SECTION C

Section C consists of 6 questions of 3 marks each.

16. If $Q(0, 1)$ is equidistant from $P(5, -3)$ and $R(x, 6)$, then find the values of x . Also, find the distances QR and PR .

27. (a) ABC is an isosceles triangle with $AB = AC$ and D is a point on AC such that $BC^2 = AC \times CD$. Prove that $BD = BC$.

OR

(b) In ΔABC , if $AD \perp BC$ and $AD^2 = BD \times DC$, then prove that $\angle BAC = 90^\circ$.

28. A boy whose eye level is 1.35 m from the ground, spots a balloon moving with the wind in a horizontal line at some height from the ground. The angle of elevation of the balloon from the eyes of the boy at an instant is 60° . After 12 seconds, the angle of elevation reduces to 30° . If the speed of the wind is 3 m/s, then find the height of the balloon from the ground. (Use $\sqrt{3} = 1.73$)

29. A toy is in the shape of a cylinder with two equal cones stuck to each of its ends. The length of entire solid is 30 cm and diameter of cylinder and cones is 10.5 cm and the length of the cylinder is 14 cm. Find its surface area.

30. The 17th term of an A.P. is 5 more than twice its 8th term. If the 11th term of the A.P. is 43, then find its n th term.

31. (a) Find the mean and median of the following data:

Class	85-90	90-95	95-100	100-105	105-110	110-115
Frequency	15	22	20	18	20	25

OR

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

Monthly expenditure (in Rs.)	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 expenditure.

(CBSE SQP)

SECTION D

Section D consists of 4 questions of 5 marks each.

32. (a) Mr. Sharma and Mr. Arora are family friends and they decided to go for a trip. For the trip they reserved their rail tickets. Mr. Arora has not taken a half ticket for his child who is 6 years old whereas Mr. Sharma has taken half tickets for his two children who are 6.5 years and 8 years old. A railway half ticket costs half of the full fare but the reservation charges are the same as on a full ticket. Mr. and Mrs. Arora paid ₹ 1700, while Mr. and Mrs. Sharma paid ₹ 2700. Find the full fare of one ticket and the reservation charges per ticket.

OR

(b) Rajiv walks and cycles at uniform speeds. When he walks for 2 hrs and cycles for 1 hr, distance travelled is 24 km. When he walks for 1 hr and cycles for 2 hrs, distance travelled is 39 km. Find his speed of walking and cycling. If he walked and cycled for equal time in 3 hrs how much distance does he cover?

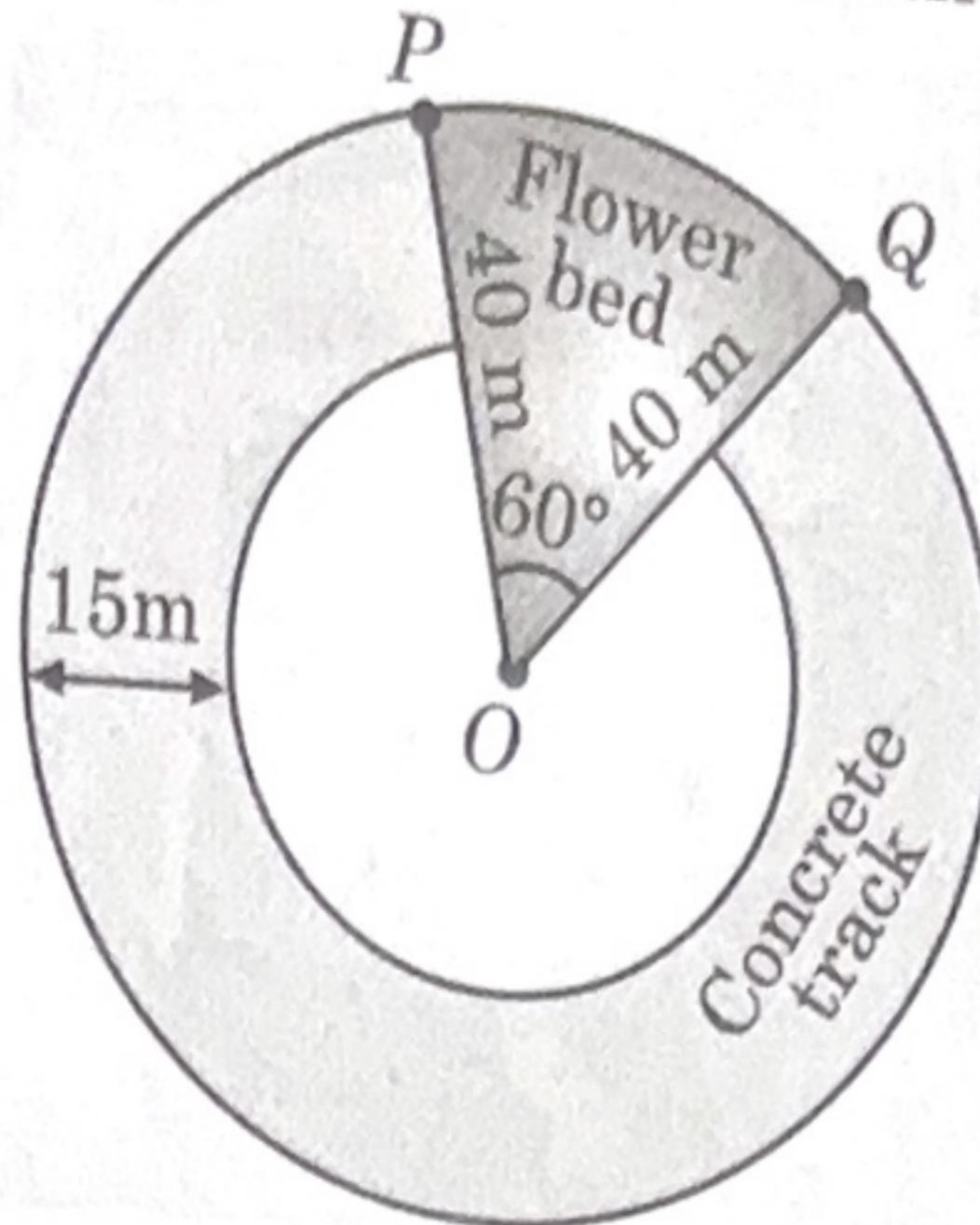
33. Show that $\sqrt{7}$ is an irrational number.

34. (a) If a, b, c are the sides of a right triangle where c is hypotenuse, prove that the radius r of the circle which touches the sides of the triangle is given by $r = \frac{a+b-c}{2}$ or, $r = s - c$, where s is the semi-perimeter of the triangle.

OR

(b) Two tangents AC and AB are drawn to two intersecting circles with centres O and O' respectively from a point of intersection A . Let P be a point such that $AOPO'$ is a parallelogram. Prove that P is circumcentre of $\triangle ABC$.

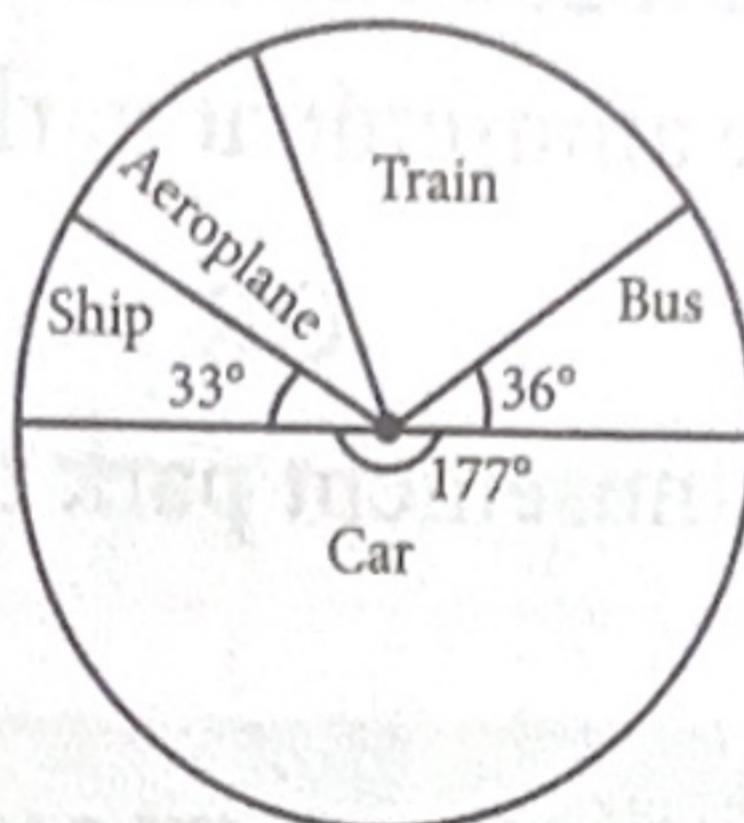
35. In the given figure, POQ is a flower bed in the shape of a sector of a circle of radius 40 m and $\angle POQ = 60^\circ$. Also, a 15 m wide concrete track is made as shown in the figure. Flower bed is made at the rate of $\text{₹ }3.60\text{ per m}^2$ and rate of making the concrete track is $\text{₹ }50\text{ per m}^2$. Find the total amount spent for the job. (Take $\pi = 3.14$)



SECTION E

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

36. In a survey on holidays, 120 people were asked to state which type of transport they used on their last holiday. The following pie chart shows the results of the survey.



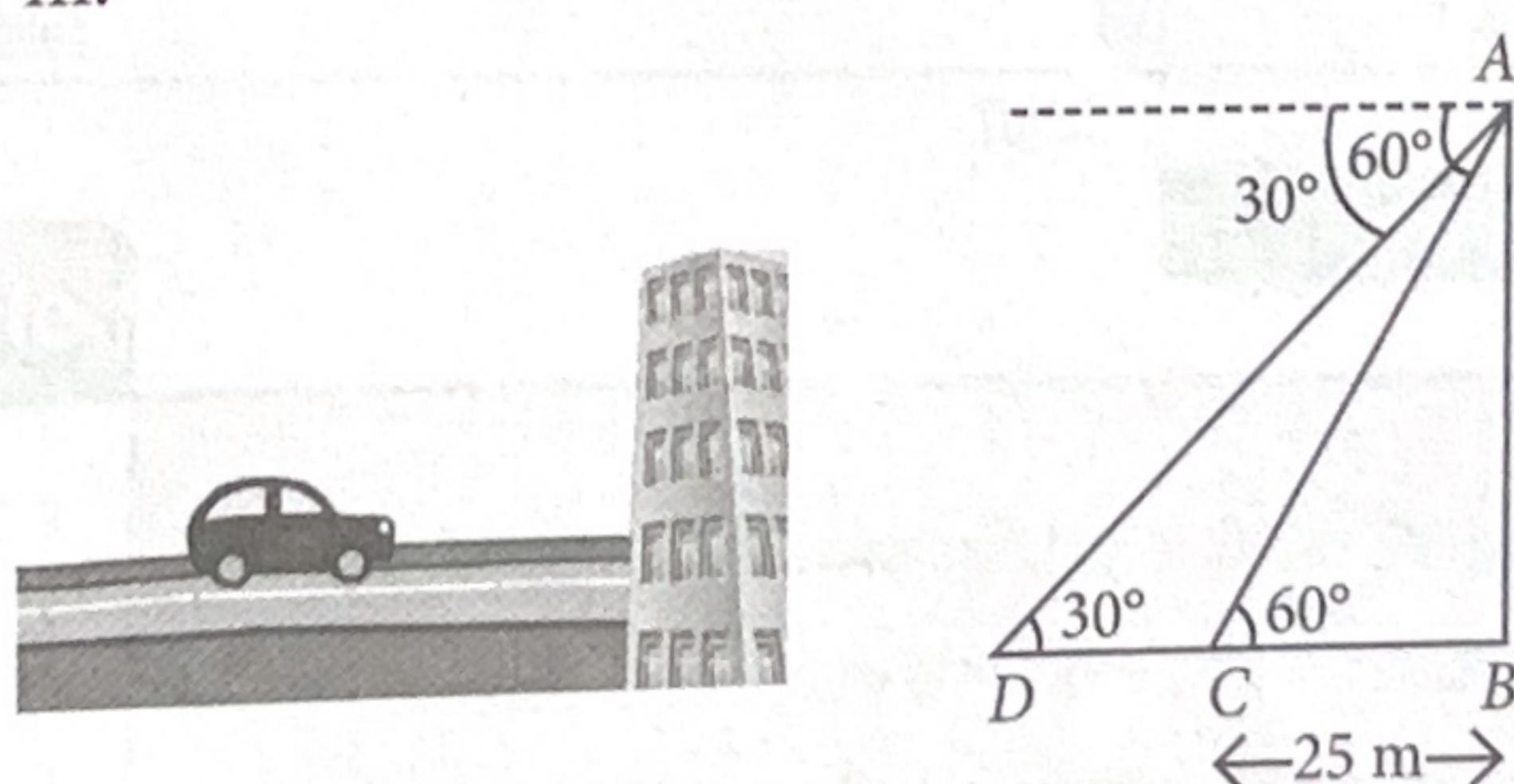
Observe the pie chart and answer the following questions :

- If one person is selected at random, find the probability that he/she travelled by bus or ship.
- Which is most favourite mode of transport and how many people used it?
- (a) A person is selected at random. If the probability that he did not use train is $4/5$, find the number of people who used train.

OR

(b) The probability that randomly selected person used aeroplane is $7/60$. Find the revenue collected by air company at the rate of $\text{₹ }5,000$ per person.

37. Rohit is standing at the top of the building observes a car at an angle of 30° , which is approaching the foot of the building with a uniform speed. 6 seconds later, angle of depression of car formed to be 60° , whose distance at that instant from the building is 25 m .



On the basis of the above situation, answer the following questions.

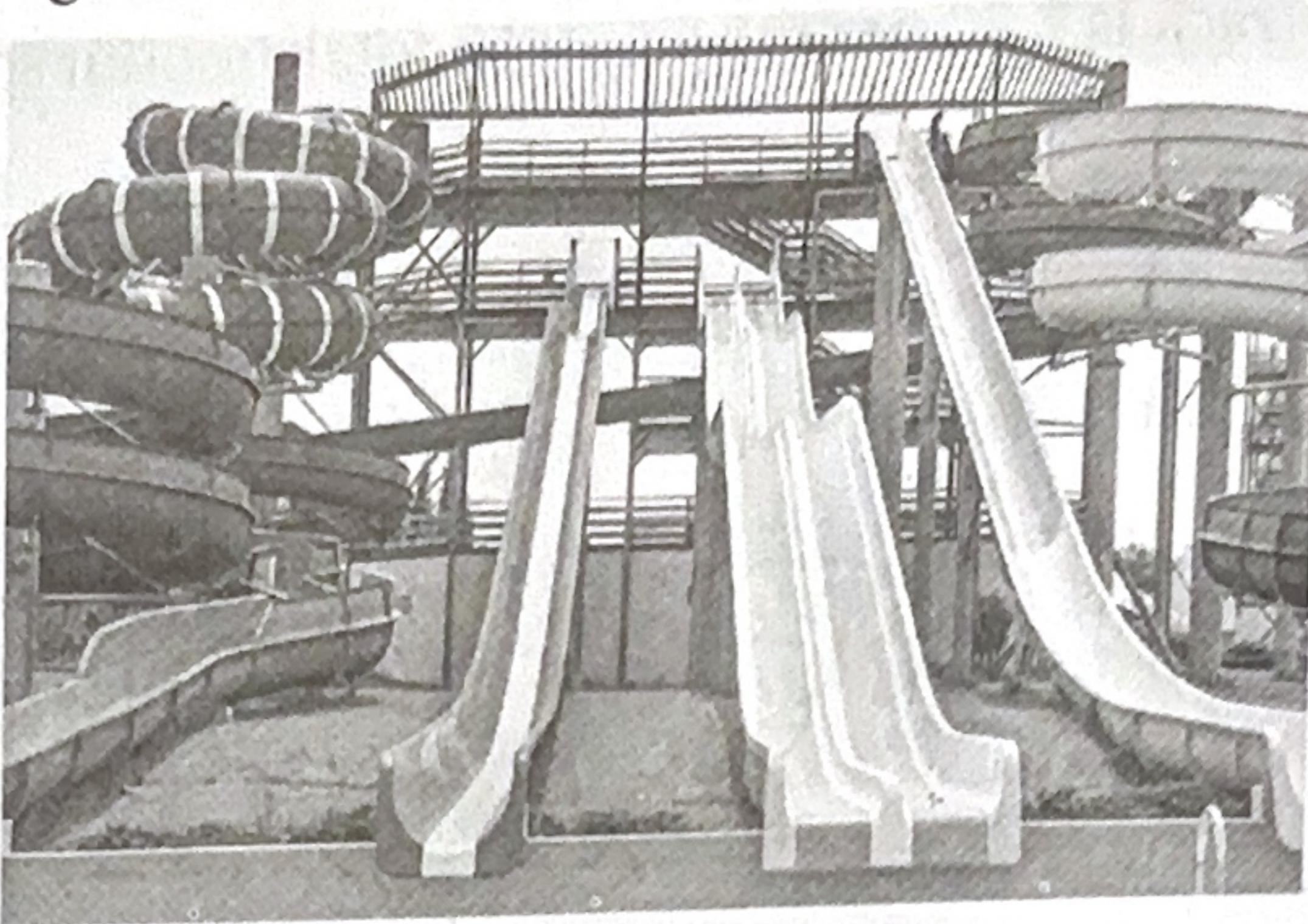
- Find the height of the building.
- Find the distance between two positions of the car.

(iii) (a) Find the total time taken by the car to reach the foot of the building from starting point.

OR

(b) Find the distance of the observer from the car when it makes an angle of 30° (use $\sqrt{3} = 1.732$).

38. Wet & Joy waterpark is India's largest waterpark, offering over 25 international rides and attractions. It features a variety of water slides, family friendly zones, and relaxable areas, all set against the background of the western part. The ticket charges for the park are ₹ 150 per child and ₹ 250 per adult.



On a day, the cashier of the park found that 300 tickets were sold and an amount of ₹ 55000 was collected. Based on the above, answer the following questions :

(i) If the number of children visited be x and the number of adults visited be y , then write the given situation algebraically.
(ii) How much amount will be collected if 250 children and 100 adults visit the amusement park ?
(iii) (a) How many children visited the amusement park that day ?

OR

(b) How many adults visited the amusement park that day ?



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SCIENCE

Time All

G

7

(i)

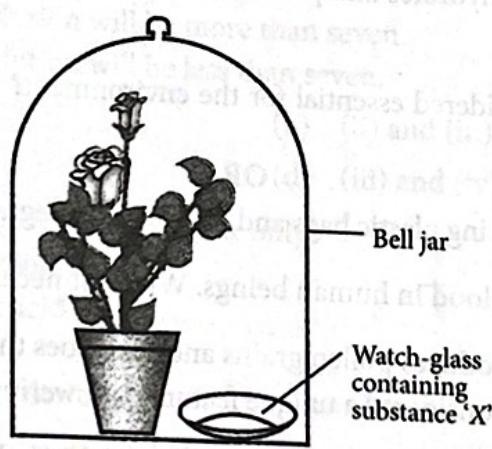
(ii)

Holy Mary's School, Banur

Session - 2025 - 2026

Winter's Vacation Assignment
Subject Science
Time - 3 hrs

SECTION - A

1. Water will be absorbed by root hair when
 - (a) concentration of salts in the cell sap is higher than that in soil water
 - (b) plant is rapidly respiring
 - (c) they are separated from soil by a permeable membrane
 - (d) they have lower salt concentration than the soil.(1)
2. The given figure is a demonstration of an experiment to show that carbon dioxide is essential for photosynthesis. What is the substance 'X', kept in watch-glass?


Bell jar

Watch-glass containing substance 'X'

(1)
3. Bending of stem towards the sunlight in plants is due to
 - (a) unequal distribution of auxins
 - (b) uniform occurrence of gibberellins
 - (c) inhibition of cytokinin synthesis
 - (d) unequal distribution of cytokinins and gibberellins.(1)
4. Which of the following does not help in protecting our environment?
 - (a) Crop rotation
 - (b) Treatment of sewage
 - (c) Deforestation
 - (d) Judicious use of fertilisers(1)

5. A slice of bread kept in open for sometime shows growing white cottony mass which later turns black. This happens because (1)

- bacterial spores present in air germinate on the surface of bread slice
- fungal spores present in air germinate on the surface of bread slice
- protozoan microbes start feeding on bread slice
- none of these.

6. If there was no CO_2 in the atmosphere, the earth's temperature would be (1)

- less than the present temperature
- same as the present temperature
- higher than the present temperature
- dependent on O_2 content of air.

7. Excessive exposure of humans to ultraviolet (UV) rays results in (1)

- damage to immune system
- damage to lungs
- skin cancer
- peptic ulcers.

- (i) and (ii)
- (ii) and (iv)
- (i) and (iii)
- (iii) and (iv)

The following two questions consist of two statements – **Assertion (A)** and **Reason (R)**. Answer these questions by selecting the appropriate option given below:

- Both A and R are true, and R is the correct explanation of A.
- Both A and R are true, and R is not the correct explanation of A.
- A is true but R is false.
- A is false but R is true.

8. **Assertion (A)** : Walls of ventricles are thicker than the atria. (1)

Reason (R) : Thick walls of ventricles helps in preventing the back flow of the blood.

9. **Assertion (A)** : Corolla is a floral part. (1)

Reason (R) : Corolla helps in pollination.

10. Compare the digestion of carbohydrates and proteins in human body. How do their paths differ? (2)

11. Attempt either option A or B. (2)

A. Why are decomposers considered essential for the environment? What would happen if there were no decomposers?

OR

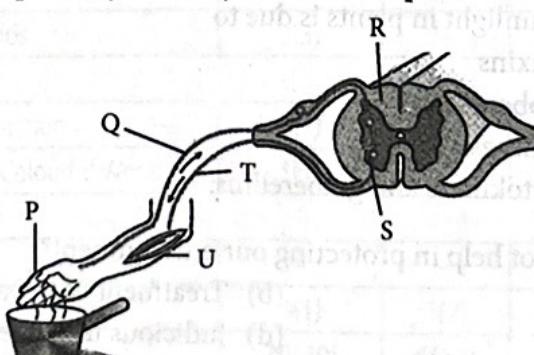
B. Why is it advised to avoid using plastic bags and switch to biodegradable alternatives?

12. Describe double circulation of blood in human beings. Why is it necessary? (2)

13. (i) Which part of the flower produces pollen grains and how does the pollination occur naturally? (3)
(ii) Why is double fertilisation considered a unique feature in flowering plants?

14. Define holozoic nutrition. What are the different steps involved in holozoic mode of nutrition? (3)

15. Reflex action is defined as an instant, automatic and involuntary response of effectors, i.e., muscles, glands to a stimulus. Reflex arc is the pathway taken by the nerve impulses and responses in a reflex action. (4)



20. Four solutions I, II, III and IV were given to a student to test their acidic or basic nature by dipping a pH paper into these solutions. He observed that the colour of pH paper turned to red, blue, green and orange respectively. The correct conclusion made by the student would be that (1)

(a) I, II and III are acidic (b) I and IV are acidic
(c) II, III and IV are basic (d) II and IV are basic.

21. Which of the following pairs of compounds of carbon will undergo combustion as well as addition reactions? (1)

(a) CH_4 and C_2H_6 (b) $\text{C}_2\text{H}_6\text{O}$ and $\text{C}_3\text{H}_8\text{O}$
(c) $\text{C}_2\text{H}_6\text{O}$ and C_2H_6 (d) C_2H_2 and C_3H_6

22. Identify the wrong statement. (1)

(a) Higher the hydronium ion concentration, lower is the pH value.
(b) Universal indicator is used to judge how strong a given acid or base is.
(c) As the pH value increases from 7 to 14, it represents increase in H^+ ion concentration in the solution.
(d) Value less than 7 on the pH scale represents an acidic solution.

23. 2 mL of ethanoic acid was taken in each of the three test tubes A, B and C. To these test tubes 2 mL, 4 mL and 8 mL of water was added respectively. Which test tube will give a clear solution? (1)

(a) Test tube A only (b) Test tube B only
(c) Test tube A and B only (d) All the test tubes

The following question consists of two statements – Assertion (A) and Reason (R). Answer this question 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) : Calcium oxide reacts vigorously with water to produce slaked lime releasing a large amount of heat.

Reason (R) : Calcium oxide and water combine to form a single product, calcium hydroxide, such reaction is known as displacement reaction. (1)

25. Give reasons for the following : (2)

(i) Na, K and Ca metals form hydrides by combination with hydrogen gas, but most other metals do not.
(ii) Aluminium easily combines with oxygen but still it can be used for making kitchen utensils.

26. Give reasons for the following : (3)

A. Only one-half of water molecule is shown in the formula of Plaster of Paris.
B. Sodium hydrogencarbonate is used as an antacid.
C. On strong heating, blue coloured copper sulphate crystals turn white.

27. Attempt either option A or B. (3)

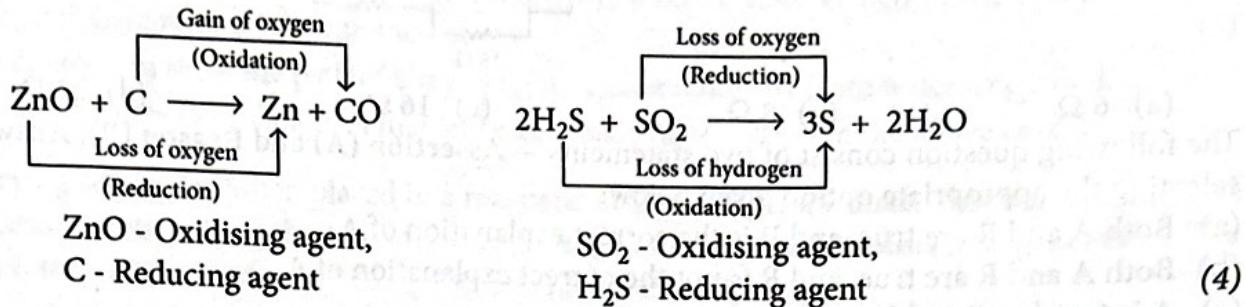
A. (a) What type of bond holds the two chlorine atoms together in a chlorine molecule?
(b) Briefly describe how this bond is formed.
(c) Draw a 'dot-and-cross' diagram to show the bonding in a chlorine molecule.

OR

B. An organic compound 'A' having molecular formula $\text{C}_2\text{H}_4\text{O}_2$ reacts with sodium metal and evolves a gas 'B' which readily catches fire. 'A' also reacts with ethanol in the presence of concentrated sulphuric acid to form sweet smelling substance 'C' used in making perfumes.

(a) Identify A, B and C.
(b) Write balanced chemical equations to represent the
(i) evolution of gas B from compound A
(ii) conversion of compound A into compound C.

28. The earlier concept of oxidation and reduction is based on the addition or removal of oxygen or hydrogen elements so, in terms of oxygen and hydrogen, oxidation is addition of oxygen to a substance and removal of hydrogen from a substance. On the other hand, reduction is addition of hydrogen to a substance and removal of oxygen from a substance. The substance which gives oxygen to another substance or removes hydrogen from another substance in an oxidation reaction is known as oxidising agent, while the substance which gives hydrogen to another substance or removes oxygen from another substance in a reduction reaction is known as reducing agent. For example,

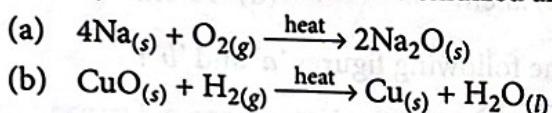


(4)

A. Which of the following processes does not involve either oxidation or reduction? Also explain why this so?

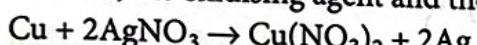
- Formation of slaked lime from quick lime.
- Heating mercuric oxide.
- Formation of manganese chloride from manganese oxide (MnO₂).
- Formation of zinc from zinc blende.

B. Identify the substances that are oxidized and reduced in the following reactions :

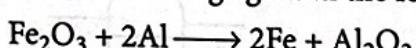


OR

What is an oxidation reaction? Identify the substance which gets oxidised, the substance which gets reduced, the oxidising agent and the reducing agent in the following reaction :



C. Identify the correct oxidising agent and reducing agent in the following reaction.



- Al - Oxidising agent, Fe₂O₃ - Reducing agent
- Fe₂O₃ - Oxidising agent, Al - Reducing agent
- Fe - Oxidising agent, Al₂O₃ - Reducing agent
- Fe₂O₃ - Oxidising agent, Al₂O₃ - Reducing agent

29. Attempt either option A or B.

A. (a) Give reasons :

- Platinum, gold and silver are used to make jewellery.
- Sodium, potassium and lithium are stored under kersene oil.
- Surface of some metals lose their brightness when kept in air for a long time.

(b) Explain the formation of ionic compound sodium phosphide, Na₃P with electron-dot structure. Atomic numbers of sodium and phosphorus are 11 and 15 respectively.

OR

B. (a) Explain how the following metals are obtained from their compounds by the reduction process:

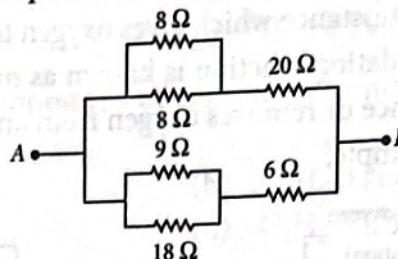
- Metal M which is in the middle of the reactivity series.
- Metal N which is high up in the reactivity series.

Give one example of each type.

(b) With the help of a labelled diagram show the experimental set up of action of steam on a metal.

SECTION - C

30. The equivalent resistance between the points A and B as shown in the figure is



(a) 6 Ω (b) 8 Ω (c) 16 Ω (d) 24 Ω

The following question consist of two statements – Assertion (A) and Reason (R). Answer this question 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.

31. Assertion (A) : Myopia is due to the increased converging power of the eye lens.

Reason (R) : Myopia can be corrected by using spectacles made from concave lenses.

32. A concave spherical mirror forms a 40 cm high real image of an object whose height is 10 cm. The radius of the mirror is 60 cm. Find the distance from the object to its image.

(a) 90 cm (b) 112.5 cm (c) 97.5 cm (d) 75 cm

33. A. Name the poles P, Q, R and S of the magnets in the following figures 'a' and 'b' :

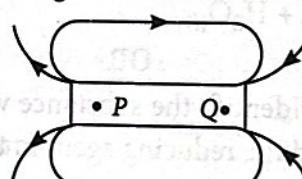


Figure 'b'

B. State the inference drawn about the direction of the magnetic field lines on the basis of these diagrams.

34. Attempt either option A or B.

A. (i) Which type of retinal cells respond to brightness of light?

(ii) Why does it take some time to see objects in a cinema hall, when we just enter the hall?

OR

B. Give reason :

(i) We cannot see an object clearly if it is placed very close to the eyes.

(ii) The extent of deviation of a ray of light on passing through a prism depends on the colour.

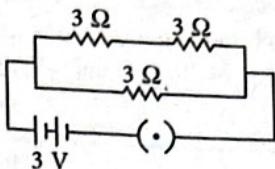
35. Give reasons for the following:

(i) It is dangerous to touch the live wire of the main supply rather than neutral wire.

(ii) In household circuit, parallel combination of resistances is used.

(iii) Using fuse in a household electric circuit is important.

36. Three resistors of $3\ \Omega$ each are connected to a battery of 3 V as shown. Calculate the current drawn from the battery. (3)

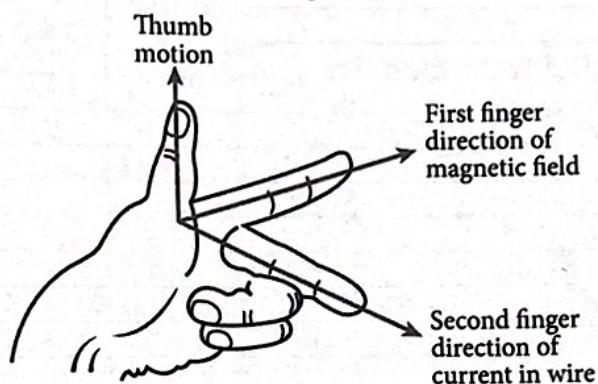


37. (i) Water has refractive index 1.33 and alcohol has refractive index 1.36. Which of the two medium is optically denser? Give reason for your answer. (3)

(ii) Draw a ray diagram to show the path of a ray of light passing obliquely from water to alcohol.

(iii) State the relationship between angle of incidence and angle of refraction in the above case.

38. A current - carrying conductor, when placed in a magnetic field, experience a force. This is a fundamental concept in electromagnetic and is the basis for many electrical devices like motors and generators. The direction of the force can be determined using Fleming's left-hand rule. (4)



A current carrying conductor is placed in a magnetic field. Now answer the following.

A. List the factors on which the magnitude of force experienced by conductor depends.
B. When is the magnitude of this force maximum?

Attempt either subpart C or D.

C. If initially this force was acting from right to left, how will the direction of force change if:
(i) direction of magnetic field is reversed?
(ii) direction of current is reversed?

OR

D. A current carrying wire does not tend to rotate in a magnetic field. What do you conclude from this?

Attempt either option A or B.

A. A beam of light converges at a point. Now a lens is placed in the path of the convergent beam 12 cm from the same point. At what point does the beam converge if the lens is (5)
(i) a convex lens of focal length 20 cm, and
(ii) a concave lens of focal length 16 cm?

OR

B. (i) Define principal axis of a lens. Draw a ray diagram to show what happens when a ray of light parallel to the principal axis of a concave lens passes through it.
(ii) The focal length of a concave lens is 20 cm. At what distance from the lens should a 5 cm tall object be placed so that its image is formed at a distance of 15 cm from the lens? Also calculate the size of the image formed

HOLY MARY'S SCHOOL, BANUR

WINTER HOLIDAY ASSIGNMENT

SOCIAL SCIENCE

Maximum Marks : 80

Time allowed : 3 Hrs.

General Instructions :

Read the following instructions very carefully and follow them:
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)

1. Study the picture and answer the question that follows :



Source-India and the Contemporary World-II, NCERT

The image shows Giuseppe Mazzini and the founding of Young Europe in Berne 1833. What was "Young Europe"?

(a) Map of new countries of Europe
(c) The Northern part of Europe

(b) Underground society
(d) It was a club of rich people

2. Match the following and choose the correct option.

Column I	Column II
A. Vande Mataram	i. Natesa Sastri
B. Hind Swaraj	ii. Mahatma Gandhi
C. The Folklore of Southern India	iii. Abanindranath Tagore
D. Painting of Bharat Mata	iv. Bankim Chandra Chattopadhyay

- (a) A-iv, B-ii, C-i, D-iii
- (b) A-i, B- ii, C-iii, D-iv
- (c) A-iv, B-iii, C-ii, D-i
- (d) A-ii, B-i, C-iii, D- iv

3. Which of the following is an impact of global agricultural economy that had emerged by 1890? (1)

- (a) Food was being transported from across the world.
- (b) Local food production and consumption went hand-in-hand.
- (c) The demand for labour in America and Australia fell greatly.
- (d) Surplus food was being exported to other countries from Britain.

4. Which one of the following was not the reason for the popularity of scientific ideas among the common people in eighteenth century Europe ? (1)

- (a) Printing of ideas of Issac Newton
- (b) Development of printing press
- (c) Interest of people in science and reason
- (d) Traditional aristocratic groups supported it

5A. How did small pox become a deadly killer for original inhabitants of America? (2)

OR

5B. What were the three main flows that connected different parts of the world before the 19th century?

6A. "Mahatma Gandhi launched a more broad-based movement in India by joining Khilafat Andolan" Explain the statement with any three arguments in the context of Non-Cooperation Movement. (3)

OR

6B. Analyse the role of Alluri Sitaram Raju in the Indian National Movement.

7A. "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." Elaborate upon the statement. (5)

OR

7B. How did Greek war of independence mobilise nationalist feelings among the educated elite across Europe? Explain.

8. **Read the given text and answer the following questions : (1 + 1 + 2)** (4)

Print and popular religious literature stimulated many distinctive individual interpretations of faith even among little-educated working people. In the sixteenth century, Menocchio, a miller in Italy, began to read books that were available in his locality. He reinterpreted the message of the Bible and formulated a view of God and Creation that enraged the Roman Catholic Church. When the Roman Church began its inquisition to repress heretical ideas, Menocchio was hauled up twice and ultimately executed. The Roman Church, troubled by such effects of popular readings and questionings of faith, imposed severe controls over publishers and booksellers and began to maintain an Index of Prohibited Books from 1558.

- (i) Why did the Roman Catholic Church take action against him?
- (ii) What was the Index of Prohibited Books and why was it introduced?
- (iii) How did the spread of print culture affect the interpretation of religious texts?

MAP SKILL-BASED QUESTION (2 marks)

9. 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 drawn near them. (2)

- A. The place where Jallianwalla Bagh incident took place.
- B. The place where the Hindustan Socialist Republican Army (HSRA) was founded in 1928.

SECTION B

GEOGRAPHY (20 marks)

10. The first International Earth Summit was held in June 1992 when urgent problems of environmental protection and socioeconomic development at the global level were addressed. What was the venue of this summit? (1)

(a) Rome (Italy) (b) Kyoto (Japan)
(c) Rio de Janeiro (Brazil) (d) Montreal (Canada)

11. How agriculture should be practiced today in a way that does not harm the soil? (1)

(a) Ground water irrigation (b) Organic farming
(c) Less use of composite materials (d) Use of pesticides

12. 'India's green energy goals have a serious problem – the Great Indian Bustard' A Wildlife Institute of India (WII) survey covering 80 km of power lines across the Thar desert found 4 bustard (critically endangered species) deaths during a single year due to high-transmission wires, including some connected to wind turbines. (1)

Should the installation of such power lines be reconsidered in areas where such species are found?

(a) Yes, alternative methods of power generation should be explored to minimise this risk.
(b) Yes, the goal of protecting biodiversity is the only goal which should be prioritised.
(c) No, the benefits of power lines outweigh the negative impact on the species.
(d) No, the species is not yet extinct and currently no action needs to be taken.

13. Which of the following options support the need for conservation of forest and wildlife in India? (1)

(i) It preserves the ecological diversity.
(ii) It preserves our life support systems-water air and soil.
(iii) It preserves the genetic diversity of plants and animals.
(iv) It deaccelerates the growth of plant species and animal breeding.
(a) Statements (i) and (iv) are correct.
(b) Statements (ii), (iii) and (iv) are correct.
(c) Statement (iv) is correct.
(d) Statements (i), (ii) and (iii) are correct.

14. Select the correct match. (1)

Dam	River
(a) Kota Barrage	– Narmada
(b) Koyna	– Kaveri
(c) Pravara	– Godavari
(d) Hirakud	– Krishna

15. "M" gave his friend clues about a type of crop that is cultivated in the Nilgiri in Karnataka, Kerala and Tamil Nadu. Which of the following clues provided by "M" would be most useful in identifying the correct crop? (1)

Clues:

(i) The Arabica variety of this crop was initially brought from Yemen.
(ii) It is very rich in iron, calcium, other micro nutrients and roughage.
(iii) It is a leguminous crop.
(iv) Initially the cultivation of this crop was introduced on the Baba Budan Hills.
(a) Clue (i) (b) Clue (i) and (iv)
(c) Clue (ii) and (iv) (d) Clue (i), (ii), (iii) and (iv)

16. Mr. Palani is from Tamil Nadu, wishes to cultivate either tea or wheat. Which one of the crops out of the two can he cultivate in his state? Substantiate your answer with any two reasons. (2)

17A. Analyse the impact of mining activities on the local environment and the health of the surrounding communities. (5)

OR

17B. 'Consumption of energy in all forms has been rising all over the country. There is an urgent need to develop a sustainable path of energy development and energy saving'. Suggest and explain any three measures to solve this burning problem.

18. **Read the given text and answer the following questions:** (1 + 2 + 1)

Agriculture and industry are not exclusive of each other. They move hand in hand. For instance, the agro-industries in India have given a major boost to agriculture by raising its productivity. They depend on the latter for raw materials and sell their products such as irrigation pumps, fertilisers, insecticides, pesticides, plastic and PVC pipes, machines and tools, etc. to the farmers. Thus, development and competitiveness of manufacturing industry has not only assisted agriculturists in increasing their production but also made the production processes very efficient.

In the present-day world of globalisation, our industry needs to be more efficient and competitive. Self-sufficiency alone is not enough. Our manufactured goods must be at par in quality with those in the international market. Only then, will we be able to compete in the international market.

- (i) How are agriculture and industry connected?
- (ii) Name the products made by the industry for agriculture.
- (iii) How should industry respond to globalisation?

MAP SKILL-BASED QUESTION (3 marks)

19. On the same map of India locate and label the following with suitable symbols. (1)

- I. (p) Salal Dam

OR

- (q) A dam in Kerala

- II. Any two of the following :

- (i) An international port in Telangana.
- (ii) A Tamil Nadu Sea port which has natural harbour and rich hinterland.
- (iii) A seaport in Kolkata

SECTION C

POLITICAL SCIENCE (20 marks)

20. The Bombay High Court ordered the Maharashtra State Government to immediately take action and improve living conditions for the 2000 - odd children at seven children's homes in Mumbai.

Which type of power sharing is represented by the above statement? (1)

- (a) Horizontal Distribution of power
- (b) Vertical Distribution of power
- (c) Power shared among different social groups
- (d) Power shared by two or more political parties

21. What is the cartoon trying to depict? (1)



Source-Democratic Politics, NCERT

- (a) Intense conflicts can destroy the society
- (b) Social diversity
- (c) Two party system is not good
- (d) Voting rights are for everyone

22. The following question consists of two statements – Assertion (A) and Reason (R). Answer this question by selecting the appropriate option given below: (1)

Assertion (A) : In federal system, the central government can order the state government to do something.
Reason (R) : State government has powers of its own for which it is not answerable to the central government.

- (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.

23. Communal politics is based on the belief that (1)

- (A) People belonging to different religions can live together happily as equal citizens.
- (B) One religion is superior to that of others..
- (C) Followers of a particular religion constitute one community
- (D) State power cannot be used to establish the domination of one religious group over others.

- (a) (A), (B), (C) and (D) (b) (B) and (D)
- (c) (B) and (C) (d) (A) and (D)

24. "Local Government is an effective way to uphold the democratic principle of decentralisation." Justify this statement with valid points. (2)

25. If a country is not religious. Why should it bother about communalism and secularism? (2)

26. "The assertion of social diversities in a democratic country is very normal and can be healthy." Justify the statement with arguments. (3)

27A. "All over the world, people express their dissatisfaction with the failure of political parties to perform their functions well." Analyse the statement with arguments. (5)

OR

27B. What do you mean by the lack of internal democracy?

28. Read the given text and answer the following questions: (1 + 1 + 2)

Power sharing arrangements can also be seen in the way political parties, pressure groups and movements control or influence those in power. In a democracy, the citizens must have freedom to choose among various contenders for power. In contemporary democracies, this takes the form of competition among different parties. Such competition ensures that power does not remain in one hand. In the long run, power is shared among different political parties that represent different ideologies and social groups. Sometimes this kind of sharing can be direct, when two or more parties form an alliance to contest elections. If their alliance is elected, they form a coalition government and thus share power. In a democracy, we find interest groups, such as those of traders, businessmen, industrialists, farmers and industrial workers. They also will have a share in governmental power, either through participation in governmental committees or bringing influence on the decision-making process.

- (i) What does competition among different parties ensure ?
- (ii) How are interest groups associated with politics ?
- (iii) Explain the different forms of power sharing.

SECTION D

ECONOMICS (20 marks)

29. Kamalkant is a shopkeeper who pays his taxes on time, however none of the workers in his shop get any paid leave in the year. On the basis of the given situation, find out the correct option. (1)

- (a) Workers are employed in the organised sector.
- (b) Workers are engaged in the unorganised sector.
- (c) Workers are employed in the joint sector.
- (d) Workers are employed in the public sector.

30. Read the following statements about Human Development Index and choose the correct option : (1)

- (I) It is the composite Index prepared by United Nations Development Programme (UNDP).
- (II) Parameters to measure it are Longevity, Literacy and Per Capita Income.
- (III) Countries are ranked according to Developed and Low Developing countries.
- (IV) World Bank also prepares report of Human Development on the basis of Quality of Life.

- (a) I and II
- (b) II and III
- (c) I and III
- (d) II and IV

31. Mr. X is a young educated man. At present he has no job although he has been looking for it since 2019 but he is not able to find any and so he is unable to earn his livelihood. Which type of unemployment has been referred in the above paragraph? (1)

- (a) Frictional unemployment
- (b) Disguised unemployment
- (c) Open unemployment
- (d) Under employment

32. Why are poor households still dependent on informal sources of credit ? (1)

- (a) Due to the absence of collateral security
- (b) Due to the low interest rates
- (c) Due to inaccessibility of rural people to banks
- (d) Due to banks being at far-off places

33. In one of the small villages, a farmer borrows money from the village moneylender at a high monthly interest rate but is not able to repay it back. Next, he borrows it from a bank at a lower interest rate. Gradually he earns and pays back the loan to the moneylender and the bank. (1)

Which of the following best describes the role of the bank in this credit situation?

- (a) The bank acts as a cooperative lender.
- (b) The bank facilitates a debt-trap situation.
- (c) The bank ensures a fair exchange of goods.
- (d) The bank saves the farmer from debt-trap.

34. Match the following and choose the correct option. (1)

Column-I Industry	Column-II Product/Service		
A. Ranbaxy	(i)	IT	
B. Tata Motors	(ii)	Nuts and bolts	
C. Sundaram asteners	(iii)	Medicines	
D. Infosys	(iv)	Automobiles	

A B C D

- (a) (i) (ii) (iii) (iv)
- (b) (iii) (iv) (i) (ii)
- (c) (iii) (iv) (ii) (i)
- (d) (iii) (iv) (i) (ii)

35. Suggest any three ways to improve the condition of the public sector at grass root level. (3)

36. Dhananjay is a government employee and belongs to a rich household, whereas Raju is a construction worker and comes from a poor rural household. Both are in need and wish to take loan. Create a list of argument explaining who between the two would successfully be able to arrange money from a formal source. Why? (3)

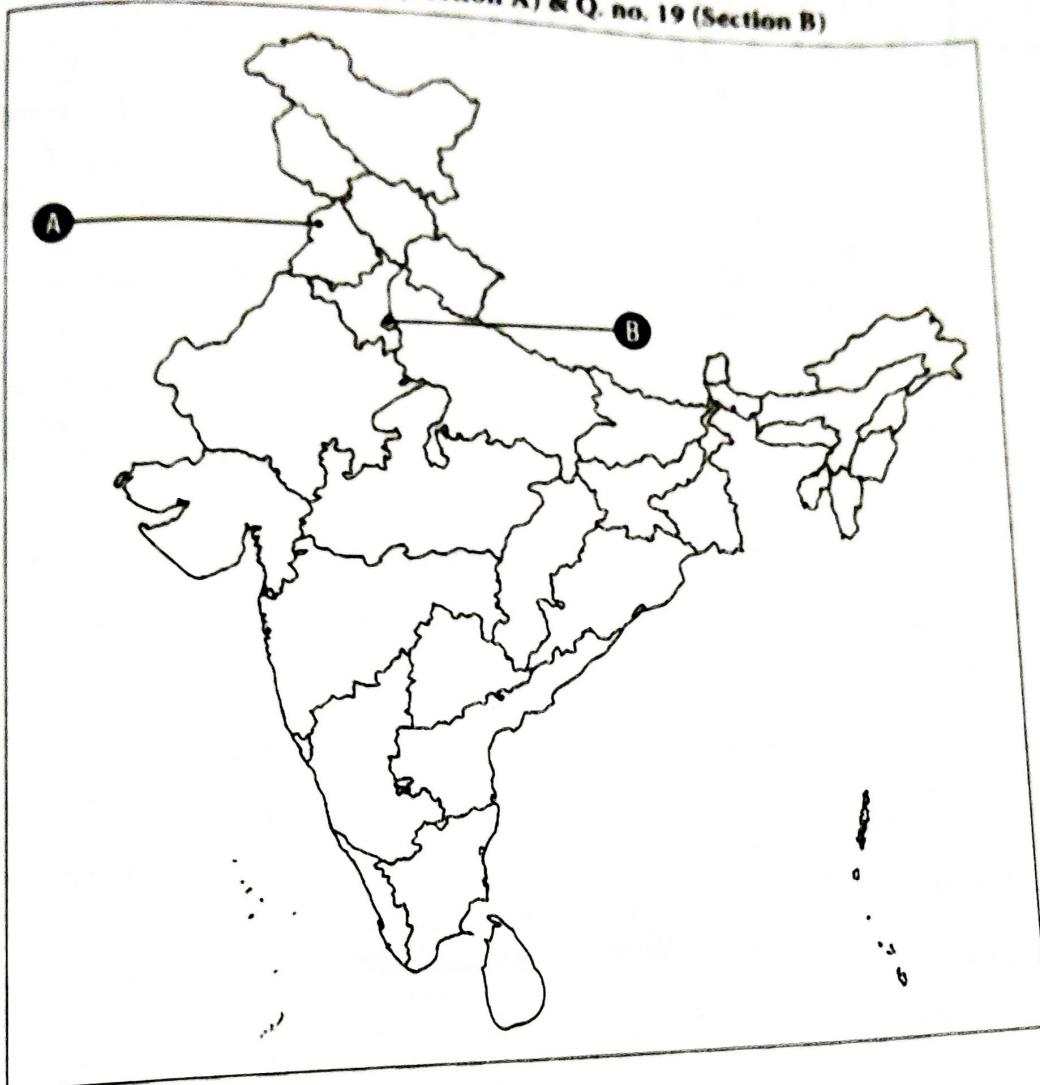
37. Explain by giving example that multinational corporations (MNCs) are spreading their production in different ways. (3)

38A. Describe any five provisions of 'Mahatma Gandhi National Rural Employment Guarantee Act' 2005. (5)

OR

38B. Name the sector that is the largest employer in India. Why does this sector produce only a quarter of the GDP? (3)

Map for Q. no. 9 (Section A) & Q. no. 19 (Section B)



विधारित समय : 3 घण्टे

अधिकतम अंक : 80

सामान्य निर्देश —

निम्नलिखित निर्देशों को बहुत सावधानी से पढ़िए और उनका सरली से अनुपालन कीजिएः

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

खंड-'क' : अपठित बोध

14 अंक

1. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर उस पर आधारित प्रश्नों के उत्तर लिखिएः

3 Min. 7

पर्यटन देश की आर्थिक स्थिति को सुधारने का एक महत्वपूर्ण कारक है। विदेशी पर्यटकों के देश में आने से सांस्कृतिक आदान-प्रदान के साथ विदेशी मुद्रा भी प्राप्त होती है। विदेशी पर्यटकों से होटल, गेस्ट हाउस, विक्रेताओं, वाहन चालकों तथा छोटी-छोटी मजदूरी करने वालों को भी आर्थिक सम्बल प्राप्त होता है। शैक्षणिक दूरी से पर्यटन बेहद उपयोगी सिद्ध होता है। भारत में तो प्राचीन काल से शैक्षणिक तथा सांस्कृतिक पर्यटन ने विभिन्न देशों तक हमारे देश का गौरव, हमारी महान सभ्यता-संस्कृति तथा ज्ञान को फैलाने में महत्वपूर्ण भूमिका निभाई है। विश्वविद्यालय तथा नालंदा विश्वविद्यालय में विदेशी पर्यटक और यात्री शिक्षा ग्रहण करने आते रहे हैं। कृषकों, वैज्ञानिकों, डॉक्टर, इंजीनियर आदि का भी शैक्षिक दूरी से यात्रा करना महत्वपूर्ण होता है। विभिन्न क्षेत्रों में अपने ज्ञान का विस्तार कर आधुनिक तकनीक का ज्ञान प्राप्त कर व्यक्ति अपने देश के उत्पादन में वृद्धि कर अर्थव्यवस्था को सुदृढ़ बनाने में योगदान देते हैं। जिन व्यक्तियों को इतिहास में, विभिन्न भौगोलिक स्थिति में या प्रकृति में रुचि होती है, उनके लिए देशाटन उनकी जिज्ञासा को शांत करने में सहायक होता है। व्यक्ति विभिन्न प्राचीन ऐतिहासिक इमारतों, किलों, दुर्ग, खंडहरों में जाकर इतिहास के बारे में जानता है और अपनी जिज्ञासा को शांत करता है।

(i) गद्यांश के अनुसार ऐतिहासिक पर्यटन को से बढ़ावा प्रिलता है।

3 Min. 1

(क) आर्थिक संपन्नता
(ग) आधुनिक दृष्टिकोण

(ख) शैक्षणिक योग्यता
(घ) व्यक्तिगत उत्सुकता

(ii) गद्यांश के अनुसार पर्यटन से किस क्षेत्र को लाभ नहीं होगा ?

3 Min. 1

(क) सामाजिक
(ग) आर्थिक

(ख) न्यायिक
(घ) शैक्षिक

(iii) निम्नलिखित कथन तथा कारण को ध्यानपूर्वक पढ़िए और उचित विकल्प का चयन कर लिखिएः

2 Min. 1

कथन: परदेश से संस्कृति का लेन-देन होता है।

कारण: प्राचीन काल से सांस्कृतिक पर्यटन ने विभिन्न देशों तक हमारी महान सभ्यता-संस्कृति को फैलाने में महत्वपूर्ण भूमिका निभाई है।

विकल्प -

(क) कथन और कारण दोनों गलत हैं।
(ख) कारण सही है, किंतु कथन गलत है।
(ग) कथन सही है, किंतु कारण कथन को गलत व्याख्या करता है।
(घ) कथन सही है और कारण कथन की सही व्याख्या करता है।

(iv) विदेशी पर्यटक और यात्री कहाँ शिक्षा ग्रहण करने आते रहे हैं?

2 Min. 2

(v) देश के इतिहास को जानने में कौन मुख्य भूमिका निभाता है?

2 Min. 2

3 Min. 7

2. निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़कर उस पर आधारित पूछे गए प्रश्नों के उत्तर लिखिए:

आज पूरी दुनिया में व्यापक जल संकट है। एक तरफ हिमनद (ग्लेशियर का पिघलना और दूसरी तरफ बाढ़-सूखाड़ का बढ़ना आम होता जा रहा है। आमतौर पर नदियों में पानी घट रहा है। हिमनद जब पिघलता है, तो उपर नदियों के उदगम के पास ही लोग उसका भी धीरे-धीरे संकट बढ़ता जा रहा है। जल स्रोत संकट में आते जा रहे हैं। यह जो जल-स्रोत का संकट है, उससे बचने के उपाय भी बहुत साफ हैं। जहाँ हिमनद पिघल रहे हैं, उनके आस-पास जंगलों का होना जरूरी है। जंगल नहीं होते हैं, तो सूरज से आने वाली लाल गरमी बहाँ का तापमान बढ़ा देती है और उस तापमान के चलते हिमनद और तेजी से पिघलकर नीचे आने लगते हैं। जब वहाँ जंगल होते हैं, तो सूरज से आने वाली गरमी से धरती तपती नहीं है, उसे बुखार नहीं चढ़ता। हिमनदों के आस-पास के इलाकों में हरियाली बढ़ना अब बहुत जरूरी है। इन इलाकों में होने वाले कटाव को भी रोकना चाहिए। आज नदियों और तालाबों की स्थिति भी अच्छी नहीं है। अधिकतर नदियाँ सूख गई हैं और जो बची हैं, वे मैला ढोनेवाली मालगाड़ी बन गई हैं। जिस देश में नदियाँ सूखती हैं, वहाँ की सभ्यता भी सूखने लगती है। नदियों का हमारी सभ्यताओं और जीवन से गहरा रिश्ता है।

(i) गद्यांश के आधार पर क्या आम होता जा रहा है?

1 Min. 1

(क) धरती का बढ़ना तापमान तथा समुद्र पर पड़ता दुष्प्रभाव

(ख) हिमनद (ग्लेशियर) का पिघलना तथा बाढ़-सूखाड़ का बढ़ना

(ग) नदियों में घटता पानी तथा तपती गरमी

(घ) जल स्रोत का बढ़ता संकट तथा सूखती नदियाँ

(ii) उपर्युक्त गद्यांश में लेखक की चिंता का मुख्य विषय है -

1 Min. 1

(क) बढ़ता जल संकट

(ख) घटते वन प्रदेश

(ग) प्रदूषित होती नदियाँ

(घ) पिघलते हिमनद

(iii) निम्नलिखित कथन तथा कारण को ध्यानपूर्वक पढ़िए और उचित विकल्प का चयन कर लिखिए-

2 Min. 1

कथन : जहाँ जंगल होते हैं वहाँ की धरती को बुखार नहीं चढ़ता है।

कारण : सूरज से आने वाली गर्मी से जंगल की धरती नहीं तपती है।

(क) कथन और कारण दोनों गुलत हैं।

(ख) कारण सही है, किंतु कथन गुलत है।

(ग) कथन सही है, किंतु कारण कथन की गुलत व्याख्या करता है।

(घ) कथन सही है और कारण कथन की सही व्याख्या करता है।

(iv) नदियों और सभ्यताओं के बीच रिश्ते का क्या सत्य है?

2 Min. 1

(v) अधिकतर नदियाँ मैला ढोनेवाली मालगाड़ी बन गई हैं। इस पंक्ति का क्या आशय है?

2 Min. 1

खंड-'ख' : व्यावहारिक व्याकरण

16 अंक

3. 'पदबंध' पर आधारित निम्नलिखित पांच प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर लिखिए -

1x4=4

(i) तैतारा बहुत बलशाली था। वाक्य में रेखांकित पदबंध का भेद लिखिए।

2 Min. 1

(ii) बड़ों का आदर करने वाले तुम महान हो। में रेखांकित पदबंध का भेद लिखिए।

2 Min. 1

(iii) किसी को आगे-पीछे की खबर नहीं थी - वाक्य में से संज्ञा पदबंध चुनकर लिखिए।

2 Min. 1

(iv) वह इतनी-सी भी बात नहीं समझ सकता है? - वाक्य में से क्रिया पदबंध चुनकर लिखिए।

2 Min. 1

(v) क्रियाविशेषण पदबंध का एक उदाहरण देकर वाक्य में प्रयोग कीजिए।

2 Min. 1

4. 'रचना के आधार पर वाक्य रूपांतरण' पर आधारित निम्नलिखित पाँच प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर लिखिए -

1×4 = 4

(i) लड़कों का एक शूड पतंग के पीछे-पीछे दौड़ा चला आ रहा था। वाक्य का भेद लिखिए। 2 Min. 1

(ii) मोनुमेन्ट के नीचे इंडो फहराने के बाद स्वतंत्रता की प्रतिज्ञा पढ़ी जाएगी। संयुक्त वाक्य में रूपांतरण कीजिए। 2 Min. 1

(iii) सरल वाक्य को संयुक्त वाक्य या मिश्र वाक्य में बदलने को व्याकरण की दृष्टि में क्या कहते हैं? 2 Min. 1

(iv) जिस वाक्य में एक ठेश्य और एक विशेष हो, ऐसा वाक्य क्या कहता है? 2 Min. 1

(v) जब तैतारा बांदों से मिला तो उसके जीवन में परिवर्तन आया। वाक्य का भेद बताते हुए कारण स्पष्ट कीजिए। 2 Min. 1

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

1×4 = 4

(i) 'महात्मा' समस्तपद का विग्रह कीजिए। 2 Min. 1

(ii) 'निःसंदेह' समस्तपद किस समास का उदाहरण है? 2 Min. 1

(iii) उत्पुरुष समास का एक उदाहरण लिखिए। 2 Min. 1

(iv) 'त्रिलोकीनाथ' समस्त पद का विग्रह करके भेद लिखिए। 2 Min. 1

(v) द्विंग समास की विशेषता बताते हुए एक उदाहरण लिखिए। 2 Min. 1

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

(i) शैलेंद्र का देखकर राज कपूर ने मुस्कराते हुए कहा, "निकालो एक रुपया, पारिश्रमिक पूरा एडवांस। (उपयुक्त मुहावरे से रिक्त स्थान की पूर्ति कीजिए।) 2 Min. 1

(ii) पद्माई को बात आते ही मेरा था। (उपयुक्त मुहावरे से रिक्त स्थान की पूर्ति कीजिए।) 2 Min. 1

(iii) 'कलेजा मुँह को आना' मुहावरे से वाक्य बनाइए। 2 Min. 1

(iv) 'रहस्य प्रकट होना' अर्थ के लिए उचित मुहावरा लिखिए। 2 Min. 1

(v) 'दिल पर पत्थर रखना' और 'दुखड़ा रोना' मुहावरों का अंतर स्पष्ट कीजिए। 2 Min. 1

खंड-'ग' : पाठ्यपुस्तक एवं पूरक पाठ्यपुस्तक

28 अंक

7. निम्नलिखित पठित गद्यांश को व्यानपूर्वक पढ़कर दिए गए व्याविकल्पीय प्रश्नों के सर्वाधिक उपयुक्त उत्तर वाले विकल्प चुनकर लिखिए -

2 Min. 5×1=5

दुनिया कैसे बदल में आई? पहले क्या थी? किस बिंदु से इसकी यात्रा शुरू हुई? इन प्रश्नों के उत्तर विज्ञान अपनी तरह से देता है। शारीरिक ग्रंथ अपनी-अपनी तरह से। संसार की रचना भले ही कैसे हुई हो लेकिन धरती किसी एक को नहीं है। पंछी, मानव, पशु, नदी, पर्वत, समंदर आदि की इसमें बराबर की 'हिस्सेदारी' है। यह और बात है कि इस हिस्सेदारी में मानव जाति ने अपनी बुद्धि से बड़ी-बड़ी दीवारें ख़ढ़ी कर दी हैं। पहले पूरा संसार एक परिवार के समान था अब तुकड़ों में बैटकर एक-दूसरे से दूर हो चुका है। पहले बड़े-बड़े दलानों-आँगनों में सब मिल-जुलकर रहते थे अब छोटे-छोटे डिल्बे जैसे घरों में जीवन सिमटने लगा है। बढ़ती हुई आबादियों ने समंदर को पीछे सरकाना शुरू कर दिया है, पेड़ों को गास्तों से हटाना शुरू कर दिया है, फैलते हुए प्रदूषण ने पंछियों को वस्तियों से भगाना शुरू कर दिया है।

(i) धरती के घरों में क्या कहा गया है?
 (क) धरती मानव की है। 1 Min. 1
 (ख) धरती का अस्तित्व पहले से है।
 (ग) धरती सबकी साझी है। 1 Min. 1
 (घ) धरती सहनशील है।

(ii) इस हिस्सेदारी में मानव जाति ने अपनी बुद्धि से क्या कर दिया है?
 (क) पूरी धरती को एक परिवार में बदल दिया है। 1 Min. 1
 (ख) बड़ी-बड़ी दीवारें ख़ढ़ी कर दी हैं।
 (ग) जीवन को बड़े-बड़े घरों में समेट दिया है।
 (घ) पंछियों को वस्तियों से भगाना शुरू कर दिया है।

1 Min. 1

(iii) बढ़ती जनसंख्या का क्या प्रभाव हुआ है?
 (क) समुद्र को पौछे धकेलना शुरू हुआ।
 (ख) सब अपने लिए स्थान खोजने लगे।
 (ग) संसाधनों की खोज शुरू हुई।
 (घ) लट-पाट की घटनाएँ बढ़ने लगी।

(iv) धार्मिक ग्रंथ और विज्ञान दोनों अपनी-अपनी तरह से किस प्रश्न का उत्तर देते हैं?
 (क) पंचियों ने बस्तियों से भागना क्यों शुरू कर दिया है?
 (ख) दुनिया कैसे बजूद में आई?
 (ग) लोग लोटे-लोटे हिँड़े जैसे धरों में क्यों रहने लगे हैं?
 (घ) किसने पेड़ों को रास्ते से हटाना शुरू कर दिया है?

(v) निम्नलिखित कथन तथा कारण को ध्यान से पढ़िए और सर्वाधिक उचित विकल्प को चुन कर लिखिए -
 कथन : यहले धरती पर प्रत्येक जीव-जन्तु अपना अधिकार समझते थे और मिल-जुलकर रहते थे।
 कारण: 'वसुधैव कुटुंबकम' की भावना में विश्वास रखते थे।

विकल्प -

(क) कथन और कारण दोनों गलत हैं।
 (ख) कथन और कारण दोनों सही हैं।
 (ग) कथन गलत है किन्तु कारण सही है।
 (घ) कथन सही है तथा कारण गलत है।

8. निर्धारित गद्य खंड पर आधारित निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए:
 2×3 = 6

(i) बड़े भाईसाहब ने ज़िन्दगी के अनुभव और किताबी ज्ञान में से किसे महत्वपूर्ण कहा और क्यों?
 (ii) सुभाष बाबू के जुलूस में स्त्री समाज ने क्या भूमिका निभाई?
 (iii) तैतारा-वामीरो कथा के आधार पर रूढ़ियों के विषय में अपने विचार स्पष्ट कीजिए।
 (iv) बजीर अली कौन था? उसके चरित्र की क्या विशेषताएँ हैं? अपने शब्दों में सोदाहरण लिखिए।

9. निम्नलिखित पठित काव्यांश पर आधारित बहुविकल्पीय प्रश्नों के सर्वाधिक उपयुक्त उत्तर वाले विकल्प चुनकर लिखिए:
 2 Min. 5×1=1

गिरि का गौरव गाकर झार-झर

मद में नस-नस उत्तेजित कर

मोती की लड़ियों से सुंदर

मेखलाकार पर्वत अपार

अपने महसू दृग-सुमन फाड़,

अवलोक रहा है बार-बार

नीचे जल में निज महाकार,

झरते हैं झाग भरे निझर!

गिरिवर के उर से उठ-उठ कर

उच्चाकांक्षाओं से तरुवर

है झाँक रहे नीरव नभ पर

अनिमेष, अटल, कुछ चिंता पर।

(i) पर्वतों का गौरवगान कौन करता है?
 (ख) वृक्ष
 (क) बादल
 (घ) आकाश
 (ग) झरने

(ii) गिरिवर के उर से उठकर तरुवर आकाश की ओर क्यों झाँक रहे हैं?
 (ख) वे आकाश की तरह ऊँचा उठा चाहते हैं।
 (क) उन्हें आकाश देखना अच्छा लगता है।
 (घ) वे सीधे खड़े रहना चाहते हैं।
 (ग) वे आकाश को दूना चाहते हैं।

1 Min. 1

1 Min. 1

1 Min. 1

(iii) उच्चाकांक्षा का क्या अर्थ है ?
 (क) पहाड़ की तरह ऊँचा उठना
 (ख) हिमालय की तरह ऊँचा उठना
 (ग) पेड़ की तरह ऊँचा उठना
 (घ) ऊँचा उठने की सामग्री करना

(iv) मेहमानकार पर्वत नीचे जल में क्या देख रहा है ?
 (क) मोती की लड़ियाँ
 (ख) झांग भरे निर्झर
 (ग) अपने हृदय से उठते वृक्ष
 (घ) अपना विशाल आकाश

(v) निम्नलिखित कथन तथा कारण को ध्यानपूर्वक पढ़िए और दिए गए विकल्पों में से सही विकल्प चुनकर लिखिए -
 कथन: झरते हुए झरनों को मोती की लड़ियों के समान सुंदर बताया गया है।
 कारण: झरनों की करतल ध्वनि नस नस में उत्साह अथवा प्रसन्नता भर देती है।
 विकल्प -
 (क) कथन सही है, किंतु कारण गलत है।
 (ख) कथन गलत है, किंतु कारण सही है।
 (ग) कथन सही है और कारण कथन की सही व्याख्या है।
 (घ) कथन सही है और कारण कथन की सही व्याख्या नहीं है।

10. निर्धारित कविताओं के आधार पर निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए:

2×3=6

(i) 'अब तुम्हारे हवाले बतन माधियों' इस पंक्ति से कवि क्या संदेश देना चाहते हैं ?
 (ii) अपने किन हितों को पूरा करने के लिए मीरा कृष्ण की चाकरी करना चाहती थी ? पट के आधार पर लिखिए।
 (iii) 'मनुष्यता' कविता में कवि लोगों से किस प्रकार के व्यवहार की अपेक्षा करता है ? किन्हीं दो विन्दुओं को अपने शब्दों में लिखिए।
 (iv) 'आत्मज्ञान' कविता की प्रार्थना अन्य प्रार्थनाओं से अलग कैसे है ? स्पष्ट करिए।

4 Min. 2

4 Min. 2

4 Min. 1

11. पूरक पाठ्य पुस्तक 'संचयन' के निर्धारित पाठों पर आधारित निम्नलिखित तीन प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 40-50 शब्दों में लिखिए:

2×3=6

(i) टोपी शुक्ला अपनी दादी की नापसंद क्यों करता था ? पाठ के आधार पर लिखिए।
 (ii) 'सपनों के-से दिन' पाठ के आधार पर बताइए कि लेखक की हँरानी का क्या कारण था और क्यों ?
 (iii) हरिहर काका को अपनी बृद्धावस्था में किन परेशानियों का सामना करना पड़ा ? बुजुर्गों का जीवन खुशहाल बनाने के लिए आप क्या सुझाव देंगे ?

5 Min. 3

5 Min. 3

5 Min. 3

5 Min. 3

खंड-'घ' : रचनात्मक लेखन

22 अंक

12. निम्नलिखित तीन विषयों में से किसी एक विषय पर संकेत विन्दुओं के आधार पर लगभग 120 शब्दों में एक अनुच्छेद लिखिए:

15 Min. 1×5=5

(i) मेरा प्रिय छिलाड़ी
 • नाम
 • प्रिय लगाने के गुण/ कारण
 • उनके जैसा बनने की इच्छा

(ii) सोशल मीडिया का मायाजाल और युवा
 • सोशल मीडिया का युवाओं पर प्रभाव
 • मायाजाल कैसे ?
 • बचाव हेतु सुझाव

(iii) जीवन का सच्चा सुख संतोष में

- संतोष का महत्व
- इच्छा नियंत्रण
- सुखी जीवन का आधार

13. निम्नलिखित में से किसी एक विषय पर लगभग 100 शब्दों में एक औपचारिक पत्र लिखिए -

12 Min. 5

(i) आप शुचि/शौच हैं। आपके मोहल्ले में जल की आपूर्ति आधित है। जल की सूचारू आपूर्ति के लिए जल बोर्ड निगम अध्यक्ष को लगभग 100 शब्दों में पत्र लिखकर सुधार के लिए आग्रह कीजिए।

अथवा

(ii) आप सोम्य/सौम्या हैं। अपने विद्यालय की अटल प्रयोगशाला के लिए आधुनिक उपकरण मैगवाने के लिए प्रधानाचार्य को पत्र लिखिए, जिससे विद्यार्थी विज्ञान के क्षेत्र में नए-नए प्रयोग कर सकें।

14. निम्नलिखित में से किसी एक विषय पर लगभग 60 शब्दों में एक सूचना लिखिए:

10 Min. 1×4=4

(i) आप अपने स्कूल के विद्यार्थी परिषद के खेल सचिव हैं। विद्यालय में होने वाले 'खेल दिवस' पर आयोजित होने वाली विभिन्न प्रतियोगिताओं के विषय में सभी विद्यार्थियों को जानकारी देने हेतु लगभग 60 शब्दों में सूचना तैयार कीजिए।

अथवा

(ii) मोहल्ला समिति के सचिव की ओर से कौलोनी में आयोजित होने वाले 'दीवाली मेला' को सूचना लिखिए।

15. निम्नलिखित में से किसी एक विषय पर लगभग 40 शब्दों में एक आकर्षक विज्ञापन तैयार कीजिए: 12 Min. 1×3=3

(i) अपने विद्यालय के विद्यार्थियों द्वारा निर्मित हस्तकला की वस्तुओं की प्रदर्शनी के प्रचार-प्रसार हेतु लगभग 40 शब्दों में एक आकर्षक विज्ञापन तैयार कीजिए।

अथवा

(ii) आप अपनी पुरानी साइकिल बेचना चाहते हैं। इसकी जानकारी देते हुए लगभग 40 शब्दों में एक आकर्षक विज्ञापन तैयार कीजिए।

16. (i) खेतों में भुट्टे की फसल देखकर हर कोई कहता - वाह! कितनी बढ़िया है। दो-चार दिनों में ही काटने की तैयारी थी लेकिन 15 Min. 1×5=5

..... पंक्ति से लगभग 100 शब्दों में लघुकथा लिखिए।

अथवा

(ii) आप भावुक/भावना हैं। बारिश के बाद आपके विद्यालय में मच्छरों की संख्या बहुत बढ़ गई है। अतः नगर निगम अधिकारी को मच्छर मारने की दबाई का छिड़काव करवाने के लिए लगभग 80 शब्दों में इ-मेल लिखिए।

Holy Mary's School, Banur
Class: 10th
Session-2025-2026
Subject-Information Technology
Winter Holidays Homework

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. Aisha moved from Egypt to Germany for work but finds it difficult to adjust because she is not familiar with German customs and workplace etiquette, which affects her interactions with colleagues. This situation illustrates a:

- a) Interpersonal barrier
- b) Cultural barrier
- c) Physical barrier
- d) Linguistic barrier

1

ii. Rohan has been working long hours every day without a break. Over time, he starts experiencing headaches, anxiety, and fatigue. This is likely caused by prolonged:

- a) Stress
- b) Discipline
- c) Timeliness
- d) Goal – Setting

1

iii. When Ayaan switches on his computer, a particular software starts running automatically and manages all the hardware and other software. Which software is this?

- a) Web Browsers
- b) Designing Software
- c) Office Software
- d) Operating System

1

iv. An entrepreneur must be ready to take a _____ and remain open to new ideas to grow their business.

- a) Satisfying human need
- b) Product and Service
- c) Calculated Risk
- d) Regular Production

1

v. The Sustainable Development Goals (SDGs) aim to tackle key challenges faced by businesses, governments, and society, such as:

- a) Gender Equality
- b) Energy & Climate Change
- c) Biodiversity
- d) All of the above

1

vi. The SMART method helps in setting effective goals for career and personal growth. In this method, what does the 'A' stand for?

- a) Abrupt
- b) Accountable
- c) Achievable
- d) Admirable

1

Q. 2 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

i. Ria has a long document where she needs to apply the same paragraph style at multiple scattered locations. She wants to avoid the repetitive task of selecting each word/paragraph and applying the style separately. Which feature should she use, and how can she stop using it once she is done?

- a) Use *Fill Format* option; stop it by clicking *Fill Format* button again or pressing **Esc**
- b) Use *AutoFormat*; stop it by closing the document
- c) Use *Format Painter*; stop it by pressing **Ctrl+Shift+F**
- d) Use *Style Inspector*; stop it by clicking on **Close**

1

ii. Arjun wants to slightly change the formatting of a predefined paragraph style in his

Writer document. He does not want to create a new style, but rather update the existing one so that the changes apply wherever that style is used. Which option should he choose after formatting the text?

- a) Create New Style
- b) Update Selected Style
- c) AutoFormat
- d) Fill Format

1iii. iv. Meena has prepared a project report with multiple headings and sub-headings. She wants to create a section at the beginning of the report that lists all topics in order and allows her to jump directly to any section by clicking on it. Which feature of Writer should she use?

- a) Index of Keywords
- b) Hyperlink Tool
- c) Table of Contents
- d) Bookmark

Assertion (A): In LibreOffice Calc, a Macro can be created as a function to perform repetitive calculations for which no predefined function exists.

Reason (R): A function macro is written between **Function** and **End Function** statements, can accept arguments, perform operations, and return results.

- 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

1

v. A teacher wants to prepare a **summary report** in LibreOffice Calc by calculating the average marks of students from two different spreadsheet files: **X-A.ods** and **X-B.ods**. Which feature of Calc will help her achieve this?

- a) Data Consolidate
- b) External References to other documents
- c) What-if Scenarios
- d) Goal Seek

1

vi. Which menu path in LibreOffice Calc is used to **accept or reject changes** made in a shared spreadsheet?

- a) Tools > Review Changes > Manage
- b) File > Options > Track Changes
- c) Edit > Track Changes > Manage
- d) View > Track Changes > Review

1

Q. 3 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

i. ii. Rahul wants to generate a Table of Contents (ToC) in his LibreOffice Writer document. However, when he inserts the ToC, it appears empty. Which of the following is the MOST likely reason for this issue?

- a) He did not protect the ToC against manual changes
- b) He forgot to apply heading styles (Heading 1, Heading 2, etc.) to his document headings
- c) He placed the cursor at the wrong location before inserting ToC
- d) He did not rename the default title "Table of Contents" to "Contents"

During an audit, it is observed that employees are sitting for long hours with poor posture, and the computer screens cause glare. Which hazards are most relevant here?

- a) Physical and Fire Hazards
- b) Ergonomic and Health Hazards
- c) Chemical and Safety Hazards
- d) Biological and Health Hazards

1

1

iii. In a database table, if more than one field is used together to uniquely identify a record, it is called:

- a) Primary Key
- b) Foreign Key
- c) Composite Key
- d) Candidate Key

1

iv. If a database field is defined as VARCHAR(50) and the user enters 20 characters, how much storage is allocated?

- a) 50 bytes
- b) 20 bytes
- c) 64,000 bytes
- d) 255 bytes

1

v. A database designer wants to create a system where **multiple tables are connected**, allowing retrieval of related data from these tables efficiently.

Which data model should the designer use?

- a) Relational Data Model
- b) Network Data Model

1

402 – Information Technology – Class X Page 4 of 8c) Hierarchical Data Model

- d) All of these

vi. The Query Design Window in LibreOffice Base is divided into how many

1

parts?

- a) One
- b) Two
- c) Three
- d) Four

Q. 4 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

i. Which keyboard shortcut is used to open the **Templates dialog box** in LibreOffice Writer to manage or set default templates?

- a) **Ctrl + Shift + T**
- b) **Ctrl + Alt + N**
- c) **Ctrl + Shift + N**
- d) **Ctrl + N**

1

ii. Rohit is analyzing sales data spread across four different sheets in LibreOffice Calc.

He wants to combine the data into a single sheet to identify overall trends and relationships. He also wants any change in the source sheets to automatically update in the consolidated sheet. Which feature and option should he use?

- a) Use **Pivot Table** with the "AutoFilter" option
- b) Use **Consolidate** with the "Link to source data" option enabled
- c) Use **Data Validation** with "Cell Range" enabled
- d) Use **Scenario Manager** with "Copy Results To" option

1

iii. Which of the following statements about **forms in a database** is incorrect?

- a) A form provides a user-friendly interface for entering and modifying data.
- b) Each field control in a form consists of a label and a field value text box.
- c) Forms can include graphics, titles, and additional text for better presentation.
- d) Forms are used to permanently store data like tables.

1

iv. During office work, employees complain of stress due to long hours and conflicts with colleagues. Which approach is most effective in reducing this hazard?

- a) Conflict resolution training and promoting hobbies
- b) Only installing ergonomic chairs
- c) Providing fire extinguishers
- d) Routine electrical inspections

1

v. Ritika has created a spreadsheet to calculate the EMI for a car loan. The EMI depends on the loan amount, interest rate, and loan duration (years). She fixes the loan amount and interest rate, but wants the EMI to be exactly **₹12,000 per month**. Which feature of Calc should she use, and why?

- a) Goal Seek – because it adjusts the input (loan duration) to reach the exact target output (EMI = ₹12,000).
- b) Scenario Manager – because it allows creating multiple possible outcomes with different sets of inputs.
- c) Consolidate – because it combines data from different sheets into one summary.
- d) Data Validation – because it restricts the type of values that can be entered into a cell.

1

vi. Materials in a workplace are classified by risk to prevent fires. Which of the following correctly matches the material class with its description?

- a) Class A – liquids, grease, and gas; Class B – wood, cloth, paper
- b) Class C – electrical materials; Class D – volatile metals like magnesium and sodium
- c) Class B – electrical equipment; Class C – paper and cloth
- d) Class D – liquids and gas; Class A – electrical materials

1

Q. 5 Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)

i. Sneha is preparing 10 different project reports for her company. Each report requires the same header with the company logo, a footer with the legal notice, and predefined formatting for headings and text. Instead of manually inserting and formatting these elements in each report, which feature of LibreOffice Writer should

she use?

- a) Styles
- 1

- c) Templates

- d) Table of Contents

ii. Which of the following components open along with the **Report Wizard** in

LibreOffice Base?

- a) Report Builder

- b) Add Fields dialog box

- c) Both a and b

- d) Neither a nor b

1

iii. Rohini works as a floor manager. She has been assigned the task of conducting regular _____ to ensure the safety of life in case of any disaster or emergency by evacuating the place of danger.

- a) Cultural assembly

- b) Open house events

- c) Evacuation drill

- d) Trips and excursions

1

iv. v. Ramesh notices that a colleague has slipped and sustained a serious injury at work. Which sequence of actions demonstrates the correct approach to handling the accident according to safety protocols?

- a) Attend to injured person → inform supervisor → assist supervisor

- b) Report to supervisor → attend to injured person → assist supervisor

- c) Assist supervisor → attend to injured person → inform supervisor

- d) Ignore minor injury → continue work → report at the end of the day

Sonia works in a busy office where spills, broken glass, and clutter are common. To maintain a safe and productive workplace, which combination of actions should she prioritize?

- a) Clean her own workstation, report faulty lights, leave spills for cleaning staff

- b) Clean her workstation, clear spaces around machines, immediately clean spills, report faulty lighting

- c) Focus only on her own desk, ignore common areas, and wait for maintenance to fix lighting

- d) Only clean common areas and ignore her personal workspace

1

1

vi. A company's finance team is preparing the **quarterly budget report**. Two managers, Mr. Raj and Ms. Meera, work on the same spreadsheet file separately (*Budget_Raj.ods* and *Budget_Meera.ods*).

Now, before submitting the final report to the CEO, the team needs to:

1. **Check the differences** in both versions.

2. **Merge the approved changes** into one final file.

As the data entry operator, which steps will you follow in LibreOffice Calc?

- a) Directly open *Budget_Raj.ods* and overwrite it with *Budget_Meera.ods*.

- b) Open *Budget_Raj.ods*, use **Compare Document** to review differences, then use **Merge Document** to finalize.

- c) Open *Budget_Meera.ods* and delete conflicting data manually.

- d) Use only **Merge Document**, since it automatically compares files too.

1

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 Explain any two C's of effective communication. 2

Q. 7 2

Q. 8 Maya often gets frustrated at work and reacts impulsively in stressful situations. She wants to improve her ability to handle emotions and respond calmly. Which steps can help her manage emotional intelligence effectively?

Compare Self-Employment and Wage Employment. 2

Q. 9 What are the major problems related to sustainable development concerning food and water?

2

Q. 10 Sara is worried about her personal and work data being stolen or infected by viruses. What steps can she take to protect her data effectively?

Answer any 4 out of the given 6 questions in 20 – 30 words each (2 x 4 = 8 marks)

2

Q. 11 Aarav is learning to format documents in LibreOffice Writer. His teacher asked

him to explain any two style categories along with one feature of each. What should Aarav write?

2

Q. 12 (a) What must you do before enabling the Record Changes feature?
(b) How can you confirm that sharing has been disabled in the spreadsheet?

2

Q. 13 Differentiate between **One-to-Many** and **Many-to-Many** relationships in a database.

2

Q. 14 What are the common causes of electrical hazards at the workplace?
Suggest one safety measure to prevent them.

2

Q. 15 What is a Macro? List any two real life situations where they can be used. **2**

Q. 16 While inspecting a machine, Rohan notices a colleague stuck to a live wire.
What steps should Rohan follow to safely rescue the victim?

Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)

2

Q. 17 Case Study

A publishing company is designing an e-magazine in LibreOffice Writer. The editor wants to insert images of articles and advertisements in such a way that the layout looks attractive and professional. While working, the team faces some challenges:

- In one article, two images overlap, and only part of the required picture is visible.
- For the cover page, the editor wants the main image to stay fixed in the center, no matter how much text is added or removed.
- In another section, the designer wants text to flow smoothly around the images so that the page looks balanced.
- For an advertisement, the client requests that the product image should appear above all other elements.

(a) Which feature should the team use to solve the problem of overlapping images?

(b) Which setting will help the editor keep the main image fixed in the center of the cover page?

(c) Which positioning option will make the text flow smoothly around the images in the article?

(d) Which arrangement tool should be used to ensure the advertisement image appears above all other elements?

4

402 – Information Technology – Class X Page 7 of 8**Q. 18** Consider the table given below and answer the questions that follow:

4

Student

Name

Roll

Number Class Marks

Aryan

Sharma 101 10A 450

Priya Singh 102 10B 470

Rohan

Mehta 103 10A 480

Ananya

Kapoor 104 10C 460

(a) Name all the fields in the given table.

(b) Which field should be made the primary key?

(c) Suggest a possible alternate key, if any.

(d) Explain how a primary key differs from a foreign key with an example.

Q. 19 Musculoskeletal problems affect different parts of the body like **neck, back, chest, arms, shoulders, and feet**. These problems happen due to **wrong posture or uncomfortable chairs** while working on a computer. List four ways to avoid this problem.

4

Q. 20 Ruhi is managing a **Sports Day database** in LibreOffice Base. She has a **master table** called **EventCategory** and a **transaction table** called **Events**.

(a) What is **referential integrity**? Give an example from Ruhi's database.

(b) Ruhi wants to **stop deletion** of any category that is being used in the Events table. Which option should she use?

(c) If a CategoryID is **changed** in EventCategory, how does the **Update Cascade** option affect the Events table? Give an example.

(d) If the **Set NULL** option is used and a master record is deleted, what happens in the Events table? How is it different from **Set Default**?

4

Q. 21 Arjun is preparing a project report in LibreOffice Calc that contains multiple spreadsheets. He wants smooth navigation between different sheets and also plans to include data from a government website. Initially, he uses an **absolute hyperlink** but later realizes it breaks when he shares the report with his teacher because the file path is different on another computer. His friend suggests trying a **relative hyperlink** instead. While inserting a hyperlink, Arjun notices the option **Target in Document**, which allows him to connect directly to a particular sheet. He also discovers the **Link to External Data** option to fetch live tables from a web page into his spreadsheet.

(a) Why did the absolute hyperlink fail when Arjun shared the file, and how does a relative hyperlink solve this problem?

(b) How does the **Target in Document** option increase the usefulness of hyperlinks in large spreadsheets?

(c) Arjun wants to ensure that anyone viewing his report can update data directly from a government website. Which feature should he use, and why is it beneficial?

(d) If Arjun wants to edit or remove a hyperlink later, what steps should he take?

4

402 – Information Technology – Class X

**Roll No.**

Candidates must write the Q.P. Code on the title page of the answer-book.

ਨੋਟ / NOTE :

- (I) ਕਿਰਪਾ ਕਰਕੇ ਜਾਂਚ ਕਰ ਲਵੇ ਕਿ ਇਸ ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਵਿਚ ਛਪੇ ਹੋਏ **11** ਪੰਨੇ ਹਨ ।
Please check that this question paper contains **11** printed pages.
- (II) ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਵਿਚ ਸੱਜੇ ਹੱਥ ਦੇ ਵਲ ਦਿੱਤੇ ਗਏ ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਕੋਡ ਨੂੰ ਪ੍ਰੀਖਿਆਰਥੀ ਉੱਤਰ ਪੁਸਤਿਕਾ ਦੇ ਮੁੱਖ ਪੰਨੇ ਉਪਰ ਲਿਖਣ ।
Q.P. Code given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- (III) ਕਿਰਪਾ ਕਰਕੇ ਜਾਂਚ ਕਰ ਲਵੇ ਕਿ ਇਸ ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਵਿੱਚ **16** ਪ੍ਰਸ਼ਨ ਹਨ ।
Please check that this question paper contains **16** questions.
- (IV) ਕਿਰਪਾ ਕਰਕੇ ਪ੍ਰਸ਼ਨ ਦਾ ਉੱਤਰ ਲਿਖਣਾ ਸ਼ੁਰੂ ਕਰਨ ਤੋਂ ਪਹਿਲਾਂ, ਉੱਤਰ ਪੁਸਤਿਕਾ ਵਿੱਚ ਪ੍ਰਸ਼ਨ ਦਾ ਕ੍ਰਮਾਂਕ (ਸੀਰਿਅਲ ਨੰਬਰ) ਜ਼ਰੂਰ ਲਿੱਖੋ ।
Please write down the Serial Number of the question in the answer-book at the given place before attempting it.
- (V) ਇਸ ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਨੂੰ ਪੜ੍ਹਨ ਦੇ ਲਈ 15 ਮਿੰਟ ਦਾ ਸਮਾਂ ਦਿੱਤਾ ਗਿਆ ਹੈ । ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਸਵੇਰੇ 10.15 ਵਜੇ ਵੰਡੇ ਜਾਣਗੇ । 10.15 ਵਜੇ ਤੋਂ 10.30 ਵਜੇ ਤਕ ਪ੍ਰੀਖਿਆਰਥੀ ਕੇਵਲ ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਨੂੰ ਪੜ੍ਹਨਗੇ ਅਤੇ ਇਸ ਸਮੇਂ ਵਿੱਚ ਉਹ ਉੱਤਰ ਪੁਸਤਿਕਾ ਵਿੱਚ ਕੋਈ ਉੱਤਰ ਨਹੀਂ ਲਿਖਣਗੇ ।
15 minute time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the candidates will read the question paper only and will not write any answer on the answer-book during this period.



ਪੰਜਾਬੀ
PUNJABI

ਸਮਾਂ ਸੀਮਾ : 3 ਘੰਟੇ**Time allowed : 3 hours****ਪੁਰਨ ਅੰਕ : 80****Maximum Marks : 80**



General Instructions :

Question paper is divided into four parts.

It has total 16 questions.

Part-I : 2 Questions no. 1 and 2

Part-II : 5 Questions no. 3 to 7

Part-III : 3 Questions no. 8 to 10

Part-IV : 6 Questions no. 11 to 16

Attempt questions as per specific instructions.

Write question no. in answer-book before attempting it.

ਸਧਾਰਨ ਨਿਰਦੇਸ਼ :

ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਵਿੱਚ ਕੁੱਲ ਚਾਰ ਭਾਗ ਹਨ ।

ਇਸ ਵਿੱਚ ਕੁੱਲ 16 ਪ੍ਰਸ਼ਨ ਹਨ ।

ਭਾਗ-I : 2 ਪ੍ਰਸ਼ਨ ਨੰ. 1 ਅਤੇ 2

ਭਾਗ-II : 5 ਪ੍ਰਸ਼ਨ ਨੰ. 3 ਤੋਂ 7 ਤੱਕ

ਭਾਗ-III : 3 ਪ੍ਰਸ਼ਨ ਨੰ. 8 ਤੋਂ 10 ਤੱਕ

ਭਾਗ-IV : 6 ਪ੍ਰਸ਼ਨ ਨੰ. 11 ਤੋਂ 16 ਤੱਕ

ਆਮ ਨਿਰਦੇਸ਼ :

ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਹੱਲ ਕਰਨ ਤੋਂ ਪਹਿਲਾਂ, ਹੇਠ ਲਿਖੇ ਨਿਰਦੇਸ਼ਾਂ ਨੂੰ ਧਿਆਨ ਨਾਲ ਪੜ੍ਹੋ ਅਤੇ ਉਹਨਾਂ ਦਾ ਪਾਲਣ ਕਰੋ :

- ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹਨ । ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚ ਅੰਦਰੂਨੀ ਚੋਣ ਵੀ ਦਿੱਤੀ ਗਈ ਹੈ । ਉਸ ਨੂੰ ਧਿਆਨ ਨਾਲ ਵੇਖ ਕੇ ਹੱਲ ਕੀਤਾ ਜਾਵੇ ।
- ਬਹੁ-ਵਿਕਲਪੀ ਉਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉਤਰ ਲਿਖਦੇ ਸਮੇਂ ਵਿਕਲਪ ਨੰਬਰ / ਚਿੰਨ੍ਹ ਦੇ ਨਾਲ ਨਾਲ ਉਤਰ ਵੀ ਲਿਖਿਆ ਜਾਵੇ ।
- ਉਤਰਾਂ ਨੂੰ ਧਿਆਨ ਨਾਲ ਉਤਰ-ਸੀਟ 'ਤੇ ਲਿਖਿਆ ਜਾਵੇ ।
- ਇਸ ਪ੍ਰਸ਼ਨ-ਪੱਤਰ ਵਿੱਚ ਕੁੱਲ 16 ਪ੍ਰਸ਼ਨ ਹਨ ਤੇ ਇਸ ਦੇ ਚਾਰ ਭਾਗ ਹਨ । ਭਾਗ-I ਪੜ੍ਹਨ-ਕੌਸ਼ਲ, ਭਾਗ-II ਵਿਆਕਰਨ, ਭਾਗ-III ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ ਕੌਸ਼ਲ ਅਤੇ ਭਾਗ-IV ਪਾਠ-ਪੁਸਤਕਾਂ 'ਤੇ ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ ।
- **ਭਾਗ-I** : ਪੜ੍ਹਨ-ਕੌਸ਼ਲ ਵਿੱਚ ਕੁੱਲ 2 ਪ੍ਰਸ਼ਨ ਹਨ । ਦਿੱਤੇ ਗਏ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਉਹਨਾਂ ਨੂੰ ਹੱਲ ਕੀਤਾ ਜਾਵੇ ।
- **ਭਾਗ-II** : ਵਿਆਕਰਨ ਵਿੱਚ ਕੁੱਲ 5 ਪ੍ਰਸ਼ਨ ਹਨ । ਦਿੱਤੇ ਗਏ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਉਹਨਾਂ ਨੂੰ ਹੱਲ ਕੀਤਾ ਜਾਵੇ ।
- **ਭਾਗ-III** : ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ ਕੌਸ਼ਲ ਵਿੱਚ ਕੁੱਲ 3 ਪ੍ਰਸ਼ਨ ਹਨ । ਦਿੱਤੇ ਗਏ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਉਹਨਾਂ ਨੂੰ ਹੱਲ ਕੀਤਾ ਜਾਵੇ ।
- **ਭਾਗ-IV** : ਪਾਠ-ਪੁਸਤਕਾਂ 'ਤੇ ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ ਵਿੱਚ ਕੁੱਲ 6 ਪ੍ਰਸ਼ਨ ਹਨ । ਦਿੱਤੇ ਗਏ ਨਿਰਦੇਸ਼ਾਂ ਅਨੁਸਾਰ ਉਹਨਾਂ ਨੂੰ ਹੱਲ ਕੀਤਾ ਜਾਵੇ ।



ਭਾਗ-І : ਪੜ੍ਹਨ ਕੇਂਸਲ

(PART-I : Reading Skills)

$$6+4=10$$

ਨੋਟ: ਹੇਠ ਲਿਖੇ ਵਾਰਤਕ ਪੈਰੇ ਅਤੇ ਕਾਵਿ-ਟੁਕੜੀ ਨੂੰ ਧਿਆਨ ਨਾਲ ਪੜ੍ਹੋ ਅਤੇ ਪੁੱਛੋ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਉਹਨਾਂ ਦੇ ਆਧਾਰ 'ਤੇ, ਉਹਨਾਂ ਦੇ ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਚੁਣ ਕੇ ਲਿਖੋ/ਉੱਤਰ ਸ਼ੀਟ ਵਿੱਚ ਦਰਜ ਕਰੋ:

1. ਬਹੁ-ਮੰਤਵੀ ਪ੍ਰੋਜੈਕਟ ਬਣਾਉਣ ਦਾ ਕੰਮ ਭਾਵੇਂ ਅਜ਼ਾਦੀ ਤੋਂ ਬਾਅਦ ਸ਼ੁਰੂ ਹੋਇਆ ਪਰ ਭਾਖੜਾ ਡੈਮ ਪ੍ਰੋਜੈਕਟ ਲਈ ਬਣਾਉਣ ਦਾ ਵਿਚਾਰ ਸਰ ਲੁਈਸ ਡੈਨੇ ਵੱਲੋਂ 1908 ਈ. ਵਿੱਚ ਦੇ ਦਿੱਤਾ ਗਿਆ ਸੀ। 1939 ਈ. ਤੋਂ 1942 ਈ. ਤੱਕ ਇਸ ਪ੍ਰੋਜੈਕਟ ਸੰਬੰਧੀ ਰਿਪੋਰਟਾਂ ਤਿਆਰ ਕੀਤੀਆਂ ਗਈਆਂ। ਸ਼ੁਰੂ ਵਿੱਚ ਇਸ ਡੈਮ ਦਾ ਨਿਰਮਾਣ ਸਿਰਫ਼ ਸਿੰਚਾਈ ਲਈ ਪਾਣੀ ਇਕੱਠਾ ਕਰਨ ਲਈ ਡੈਮ ਬਣਾਉਣਾ ਹੀ ਸੀ, ਪਰ ਬਾਅਦ ਵਿੱਚ ਇਸ ਪ੍ਰੋਜੈਕਟ ਨੂੰ ਬਹੁ-ਮੰਤਵੀ ਬਣਾ ਦਿੱਤਾ ਗਿਆ। 1948 ਈ. ਤੋਂ 1963 ਈ. ਦੇ ਵਿਚਕਾਰ ਬਣ ਕੇ ਤਿਆਰ ਹੋਏ ਸੰਸਾਰ ਦੇ ਇਸ ਸਭ ਤੋਂ ਉੱਚੇ ਕੰਕਰੀਟ ਦੇ ਠੋਸ ਬੰਨ੍ਹਾਂ (dams) ਵਿੱਚੋਂ ਇਸ ਭਾਖੜਾ ਡੈਮ ਦੀ ਉਚਾਈ ਦਿੱਲੀ ਦੇ ਮਸ਼ਹੂਰ ਕੁਤਬਖਾਨਾਰ ਤੋਂ ਤਿੰਨ ਗੁਣਾ ਜ਼ਿਆਦਾ ਹੈ। ਨੰਗਲ ਦੇ ਸਤਲੁਜ ਸਦਨ ਵਿਖੇ ਹੀ ਭਾਰਤ ਅਤੇ ਚੀਨ ਵਿੱਚ 28 ਅਪਰੈਲ 1954 ਈ. ਨੂੰ ਪੰਚਸ਼ੀਲ ਸਮਝੌਤਾ ਹੋਇਆ ਸੀ। ਜਿਸ ਵਿੱਚ ਭਾਰਤ ਅਤੇ ਚੀਨ ਵਿਚਕਾਰ ਪੰਜ ਨੁਕਤੀ ਸਮਝੌਤੇ 'ਤੇ ਦਸਖਤ ਕੀਤੇ ਗਏ ਸਨ। ਜਿਨ੍ਹਾਂ ਵਿੱਚ ਮੁੱਖ ਰੂਪ ਵਿੱਚ ਦੋਹਾਂ ਦੇਸਾਂ ਵਿਚਕਾਰ ਆਪਸੀ ਮਿਲਵਰਤਨ ਵਧਾਉਣ, ਇੱਕ ਦੂਜੇ ਦੀ ਪ੍ਰਭੂਸ਼ੱਤਾ ਦਾ ਸਨਮਾਨ ਕਰਨ ਦੀ ਗੱਲ ਕੀਤੀ ਗਈ ਹੈ। ਇਸ ਦੇ ਸਬੂਤ ਵਜੋਂ ਇੱਥੇ ਇੱਕ ਵੱਡ-ਆਕਾਰੀ ਇਤਿਹਾਸਿਕ ਪੱਥਰ ਵੀ ਮੌਜੂਦ ਹੈ, ਜਿਸ ਉੱਪਰ ਇਹਨਾਂ ਸ਼ਰਤਾਂ ਨੂੰ ਉਕਰਿਆ ਗਿਆ ਹੈ। ਇਹ ਪੱਥਰ ਸੈਲਾਨੀਆਂ ਲਈ ਖਿੱਚ ਦਾ ਕੇਂਦਰ ਬਣਦਾ ਹੈ। ਨੰਗਲ ਸਥਿਤ ਭਾਖੜਾ ਡੈਮ ਦੀ ਸਤਲੁਜ ਜੀਲ ਨੂੰ 'ਰਾਸ਼ਟਰੀ ਵੈਟਲੈਂਡ' ਐਲਾਨਿਆ ਜਾ ਚੁੱਕਿਆ ਹੈ। ਇੱਥੇ ਸਰਦੀਆਂ ਦੇ ਮੌਸਮ ਵਿੱਚ ਸਾਇਬੇਰੀਆ, ਨਿਊਜ਼ੀਲੈਂਡ, ਸਾਵਿਟਜ਼ਰਲੈਂਡ ਤੋਂ ਪਰਵਾਸੀ ਪੰਫੀ ਆਉਂਦੇ ਹਨ। ਇਹਨਾਂ ਨੂੰ ਵੇਖਣ ਲਈ ਪੰਫੀ-ਪ੍ਰੇਮੀ ਦੁਰੋਂ ਪਹੁੰਚਦੇ ਹਨ। ਇਸ ਡੈਮ ਵਿੱਚ 1680 ਫੁੱਟ ਸਮੁੰਦਰੀ ਲੈਵਲ ਤੱਕ ਪਾਣੀ ਜਮ੍ਹਾਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ। ਭਾਖੜਾ ਡੈਮ ਵਿਖੇ ਬਣਾਏ ਦੇ ਬਿਜਲੀ ਘਰਾਂ ਨੂੰ ਰਾਈਟ ਅਤੇ ਲੈਫਟ ਪਾਵਰ ਬੈਂਕ ਦੇ ਨਾਂ ਨਾਲ ਜਾਣਿਆ ਜਾਂਦਾ ਹੈ। ਲੈਫਟ ਪਾਵਰ ਹਾਉਸ ਵਿੱਚ ਜਪਾਨ, ਫਰਾਂਸ ਅਤੇ ਇੰਗਲੈਂਡ ਦੀ ਬਣੀ ਮਸ਼ੀਨਰੀ ਲਗਾਈ ਗਈ ਹੈ ਅਤੇ ਰਾਈਟ ਪਾਵਰ ਬੈਂਕ ਵਿੱਚ ਰਸੀਅਨ ਮਸ਼ੀਨਰੀ ਦੀ ਵਰਤੋਂ ਕੀਤੀ ਗਈ ਹੈ। ਇਹਨਾਂ ਪਾਵਰ ਹਾਉਸਾਂ ਨੂੰ ਪੀ ਪੀ-1 ਅਤੇ ਪੀ ਪੀ-2 ਦੇ ਨਾਂ ਨਾਲ ਜਾਣਿਆ ਜਾਂਦਾ ਹੈ।

$$6 \times 1 = 6$$

(i) ਭਾਖੜਾ ਡੈਮ ਪ੍ਰੋਜੈਕਟ ਬਣਾਉਣ ਦਾ ਵਿਚਾਰ ਸਰ ਲੂਈਸ ਡੈਨੇ ਨੇ ਕਦੋਂ ਦਿੱਤਾ ?
(A) 1948 (B) 1942
(C) 1939 (D) 1908

(ii) ਭਾਖੜਾ ਡੈਮ ਦੀ ਉਚਾਈ ਕੁਤੁਬਮੀਨਾਰ ਤੋਂ ਕਿੰਨੀ ਜ਼ਿਆਦਾ ਹੈ ?
(A) ਦੋ ਗੁਣਾ (B) ਤਿੰਨ ਗੁਣਾ
(C) ਚਾਰ ਗੁਣਾ (D) ਬਰਾਬਰ ਹੈ



(iii) ਨੰਗਲ ਦੇ ਸਤਲੁਜ ਸਦਨ ਵਿਖੇ ਕਿਨ੍ਹਾਂ-ਕਿਨ੍ਹਾਂ ਦੇਸਾਂ ਵਿਚਕਾਰ ਪੰਚਸ਼ੀਲ ਸਮਝੌਤਾ ਹੋਇਆ ?

(A) ਭਾਰਤ ਅਤੇ ਚੀਨ
(B) ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਅਤੇ ਅੰਗਰੇਜ਼ਾਂ
(C) ਭਾਰਤ ਅਤੇ ਕੀਨਿਆ
(D) ਭਾਰਤ ਅਤੇ ਸ੍ਰੀ ਲੰਕਾ

(iv) ਭਾਖੜਾ ਡੈਮ ਦੇ ਰਾਈਟ ਪਾਵਰ ਬੈਂਕ ਵਿੱਚ ਕਿੱਥੋਂ ਦੀ/ਕਿਹੜੀ ਮਸ਼ੀਨਰੀ ਦੀ ਵਰਤੋਂ ਕੀਤੀ ਗਈ ਹੈ ?

(A) ਇੰਗਲੈਂਡ (B) ਫਰਾਂਸ
(C) ਰਸੀਅਨ (D) ਜਪਾਨ

(v) ਪੈਰੇ ਅਨੁਸਾਰ ਭਾਖੜਾ ਡੈਮ ਵਿੱਚ ਕਿੰਨੇ ਛੁੱਟ ਤੱਕ ਪਾਣੀ ਜਮ੍ਹਾਂ ਕੀਤਾ ਜਾ ਸਕਦਾ ਹੈ ?

(A) 1680 ਛੁੱਟ (B) 200 ਛੁੱਟ
(C) 10,000 ਛੁੱਟ (D) 1939 ਛੁੱਟ

(vi) ਨੰਗਲ ਸਥਿਤ ਸਤਲੁਜ ਸ਼ੀਲ (ਜਿਸ ਨੂੰ ਰਾਸ਼ਟਰੀ ਵੈਟਲੈਂਡ ਐਲਾਨਿਆ ਜਾ ਚੁੱਕਿਆ ਹੈ) ਵਿਖੇ ਸਰਦੀਆਂ ਵਿੱਚ ਕਿਹੜੇ-ਕਿਹੜੇ ਦੇਸਾਂ ਤੋਂ ਪਰਵਾਸੀ ਪੰਛੀ ਆਉਂਦੇ ਹਨ ?

(A) ਸਾਇਬੇਰੀਆ (B) ਸਵਿਟਜ਼ਰਲੈਂਡ
(C) ਨਿਊਜ਼ੀਲੈਂਡ (D) ਉਪਰੋਕਤ ਸਾਰਿਆਂ ਤੋਂ

2. ਝੰਡਿਆ ਤਿਰੰਗਿਆ, ਨਿਰਾਲੀ ਤੇਰੀ ਸ਼ਾਨ ਏ ।

ਸਾਰੇ ਦੇਸ-ਵਾਸੀਆਂ ਨੂੰ, ਤੇਰੇ ਉੱਤੇ ਮਾਣ ਏ ।

ਸਾਵਾ ਰੰਗ ਤੇਰਾ ਦੱਸੋ, ਖੇਤੀਆਂ ਦੇ ਰੰਗ ਨੂੰ ।

ਪਹਿਨ ਬਾਣਾ ਕੇਸਰੀ, ਸ਼ਹੀਦ ਜਾਣ ਜੰਗ ਨੂੰ ।

ਤਿੰਨੇ ਰੰਗ, ਕੱਠੇ ਹੋ ਕੇ, ਏਕਤਾ ਨੂੰ ਦੱਸਦੇ ।

ਤੇਰੀ ਛਾਇਆ ਹੇਠ, ਸਾਰੇ ਭਾਈ-ਭਾਈ ਵੱਸਦੇ ।

ਚੱਕਰ ਅਸ਼ੋਕ ਦਾ, ਵਿਕਾਸ ਦਾ ਨਿਸ਼ਾਨ ਏ ।

ਝੰਡਿਆ ਤਿਰੰਗਿਆ, ਨਿਰਾਲੀ ਤੇਰੀ ਸ਼ਾਨ ਏ ।

$4 \times 1 = 4$

(i) ਕਵਿਤਾ ਅਨੁਸਾਰ ਸਾਰੇ ਦੇਸ ਵਾਸੀਆਂ ਨੂੰ ਕਿਸ ਉੱਤੇ ਮਾਣ ਹੈ ?

(ii) ਤਿੰਨੇ ਰੰਗ ਇਕੱਠੇ ਹੋ ਕੇ ਕੀ ਦੱਸਦੇ ਹਨ ?

(iii) ਕਵੀ ਅਨੁਸਾਰ ਸ਼ਹੀਦ ਕਿਹੜਾ ਬਾਣਾ ਪਹਿਨ ਕੇ ਜੰਗ ਨੂੰ ਜਾਂਦੇ ਹਨ ?

(iv) ਕਵਿਤਾ ਅਨੁਸਾਰ ਅਸ਼ੋਕ ਚੱਕਰ ਕਿਸ ਚੀਜ਼ ਦਾ ਪ੍ਰਤੀਕ ਹੈ ?



ਭਾਗ-II : ਵਿਆਕਰਨ
(PART-II : Grammar)

2+2+2+2+4=12

3. **ਸਮਾਸੀ ਸ਼ਬਦ :** (ਪੁੱਛੇ ਗਏ ਅਨੁਸਾਰ ਤਿੰਨ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚੋਂ ਕੋਈ ਦੋ (any two) ਹੱਲ ਕਰੋ) : 2×1=2

(i) ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕਿਹੜਾ ਸਮਾਸੀ ਸ਼ਬਦ ਦੁਹਰਾਵੇਂ ਸ਼ਬਦਾਂ ਦੇ ਸੁਮੇਲ ਨਾਲ ਨਹੀਂ ਬਣਿਆ ਹੈ ? ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ :

(A) ਸਮਾਜ-ਸੇਵਕ	(B) ਉੱਚੀ-ਉੱਚੀ
(C) ਸਵੇਰੇ-ਸਵੇਰੇ	(D) ਮੁੜ-ਮੁੜ

(ii) ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕਿਹੜਾ ਸਮਾਸੀ ਸ਼ਬਦ **ਨਾਂਵ+ਨਾਂਵ** ਸ਼ਬਦਾਂ ਦੇ ਸੁਮੇਲ ਨਾਲ ਬਣਿਆ ਹੈ :

(A) ਚੰਗਾ-ਮੰਦਾ	(B) ਜਲ-ਘਰ
(C) ਟੁੱਟ-ਭੱਜ	(D) ਖੁਸ਼ਕਿਸਮਤਾ

(iii) ਹੇਠ ਲਿਖੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਸਹੀ ਸਮਾਸੀ ਸ਼ਬਦ ਚੁਣੋ :

(A) ਪ੍ਰਧਾਨ	(B) ਸੁੱਧ-ਬੁੱਧ
(C) ਸਕੂਲ	(D) ਦਿਸ਼ਾਵੀ

4. **ਬਹੁ-ਅਰਥਕ ਸ਼ਬਦ :** (ਪੁੱਛੇ ਗਏ ਅਨੁਸਾਰ ਤਿੰਨ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚੋਂ ਕੋਈ ਦੋ (any two) ਹੱਲ ਕਰੋ) : 2×1=2

(i) ਹੇਠ ਲਿਖੇ ਵਾਕਾਂ ਵਿਚਲੀਆਂ ਖਾਲੀ ਥਾਵਾਂ ਭਰਨ ਲਈ ਢੁਕਵਾਂ ਬਹੁ-ਅਰਥਕ ਸ਼ਬਦ ਚੁਣੋ :

ਦਫ਼ਤਰ ਵਿੱਚ ਜ਼ਿਆਦਾ ਕੰਮ ਕਾਰਨ ਪਰਸੋਂ ਮੇਰੀ ਗਰਦਨ _____ ਗਈ ਲੋਕਾਂ ਨੂੰ
 ਲਗਦਾ ਹੈ ਕਿ ਮੇਰੇ ਵਿੱਚ _____ ਆ ਗਈ ਹੈ ਤਾਂ ਹੀ ਮੈਂ ਇਸ ਤਰ੍ਹਾਂ ਤੁਰ ਰਿਹਾ ਹਾਂ।
 ਮੇਰੀ ਤਾਂ ਹਾਲਤ ਇਹ ਹੈ ਕਿ ਮੇਰੇ ਤੋਂ _____ ਵੀ ਨਹੀਂ ਲਈ ਜਾ ਰਹੀ। ਮੇਰੀ ਸਥਿਤੀ
 ਸਮਝਣ ਦੀ ਬਜਾਏ ਪਿੰਡ ਦੇ ਲੋਕ ਮੇਰੇ ਸਾਹਮਣੇ ਅੰਦੋਂ ਹੀ _____ ਰਹੇ ਹਨ।

(A) ਸੁੱਜ	(B) ਆਕੜ
(C) ਡਿੱਗ	(D) ਟੁੱਟ

(ii) ਜਿਸ ਸ਼ਬਦ ਦਾ ਉਚਾਰਨ ਤੇ ਰੂਪ ਇੱਕੋ ਰਹੇ, ਪਰ ਅਰਥ ਅਲੱਗ-ਅਲੱਗ ਪ੍ਰਗਟ ਹੁੰਦੇ ਹੋਣ, ਉਸ ਨੂੰ _____ ਆਖਦੇ ਹਨ। ਸਹੀ ਵਿਕਲਪ ਚੁਣੋ ਖਾਲੀ ਥਾਂ ਭਰੋ।

(A) ਨਿਰਾਰਥਕ ਸ਼ਬਦ	(B) ਵਿਰੋਧਾਰਥਕ ਸ਼ਬਦ
(C) ਬਹੁ-ਅਰਥਕ ਸ਼ਬਦ	(D) ਅਰਥਹੀਣ ਸ਼ਬਦ

(iii) 'ਆਦਰ' ਦਾ ਇੱਕ ਅਰਥ ਹੈ 'ਇੱਜ਼ਤ' ਦੂਜਾ ਅਰਥ ਹੈ :

(A) ਸਤਿਕਾਰ	(B) ਬਿਪਤਾ
(C) ਵਾਇਦਾ	(D) ਸ਼ਰਮ



5. **ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ :** (ਪੁੱਛੇ ਗਏ ਅਨੁਸਾਰ ਤਿੰਨ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚੋਂ ਕੋਈ **ਦੋ** (any two) ਹੱਲ ਕਰੋ) : $2 \times 1 = 2$

(i) ਹੇਠ ਲਿਖੇ ਸ਼ਬਦ-ਸਮੂਹਾਂ (ਵਿਕਲਪਾਂ) ਵਿੱਚੋਂ ਕਾਲ-ਵਾਚਕ ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ਚੁਣੋਂ :

(A) ਰੁਕ-ਰੁਕ ਕੇ, ਗਟਾਗਟ (B) ਹੁਣ, ਜਦੋਂ, ਪਰਸੋਂ
(C) ਉੱਪਰ, ਬਾਹਰ, ਦੂਰ (D) ਬਹੁਤ, ਥੋੜਾ, ਕਿੰਨਾ

(ii) ਜਿਨ੍ਹਾਂ ਸ਼ਬਦਾਂ ਤੋਂ ਕਿਰਿਆ ਦੇ ਹੋਣ ਜਾਂ ਨਾ ਹੋਣ ਦਾ ਪਤਾ ਲੱਗੋ, ਉਹਨਾਂ ਨੂੰ _____ ਕਿਹਾ ਜਾਂਦਾ ਹੈ।
ਸਹੀ ਵਿਕਲਪ ਚੁਣੋਂ ਕੇ ਖਾਲੀ ਥਾਂ ਭਰੋ :

(A) ਮਿਣਤੀ-ਵਾਚਕ ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ (B) ਪ੍ਰਕਾਰ-ਵਾਚਕ ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ
(C) ਤਾਕੀਦ-ਵਾਚਕ ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ (D) ਨਿਰਨੇ-ਵਾਚਕ ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ

(iii) ਹੇਠ ਲਿਖੇ ਵਾਕ ਵਿੱਚੋਂ ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ ਚੁਣੋਂ :

ਤੁਸੀਂ ਮਿਹਨਤ ਨਹੀਂ ਕੀਤੀ, ਇਸ ਲਈ ਫੇਲ੍ਹ ਹੋ ਗਏ।
(A) ਤੁਸੀਂ (B) ਕੀਤੀ
(C) ਇਸ ਲਈ (D) ਗਏ

6. **ਅਗੇਤਰ-ਪਿਛੇਤਰ :** (ਪੁੱਛੇ ਗਏ ਅਨੁਸਾਰ ਹੱਲ ਕਰੋ) : $1 + 1 = 2$

(i) ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕਿਸੇ **ਇੱਕ** (any one) ਅਗੇਤਰ ਨੂੰ ਵਰਤ ਕੇ ਦੇ-ਦੇ ਸ਼ਬਦ ਬਣਾਓ :

ਉਪ, ਦੁਰ

(ii) ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕਿਸੇ **ਇੱਕ** (any one) ਪਿਛੇਤਰ ਨੂੰ ਵਰਤ ਕੇ ਦੇ-ਦੇ ਸ਼ਬਦ ਬਣਾਓ :

ਹੀਣ, ਦਾਰ

7. **ਮੁਹਾਵਰੇ :** ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕਿਸੇ **ਚਾਰ** (any four) ਮੁਹਾਵਰਿਆਂ ਨੂੰ ਇਸ ਤਰ੍ਹਾਂ ਵਾਕਾਂ ਵਿੱਚ ਵਰਤੋਂ ਕਿ ਅਰਥ ਸਪਸ਼ਟ ਹੋ ਜਾਣ : $4 \times 1 = 4$

(i) ਕੰਨਾਂ ਨੂੰ ਹੱਥ ਲਾਉਣਾ
(ii) ਖਾਰ ਖਾਣੀ
(iii) ਗਲ ਨਾਲ ਲਾਉਣਾ
(iv) ਘਰ ਸਿਰ 'ਤੇ ਚੁੱਕਣਾ
(v) ਛਿੱਲ ਲਾਹੁਣੀ
(vi) ਝੋਲੀ ਅੱਡਣਾ



ਭਾਗ-III : ਪ੍ਰਕਾਸ਼ਤੀ ਲਿਖਣ ਕੰਸਲ (PART-III : Writing Skills)

8+6+4=18

8. ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕਿਸੇ ਇੱਕ (any one) ਵਿਸ਼ੇ 'ਤੇ 200 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲੇਖ ਲਿਖੋ : 1×8=8

- ਨਾਨਕ ਦੁਖੀਆ ਸਭ ਸੰਸਾਰ
ਨੁਕਤੇ : – (ਜਾਣ-ਪਛਾਣ ਅਰਥ ਕੀ ਸੰਸਾਰ ਵਿੱਚ ਸਾਰੇ ਦੁਖੀ ਹਨ ਦੁੱਖਦਾਰੂ ਹੈ ਸਿੱਟਾ)
- ਕੰਪਿਊਟਰ ਦੀ ਵਰਤੋਂ ਦੇ ਲਾਭ ਤੇ ਹਾਨੀਆਂ
ਨੁਕਤੇ : – (ਜਾਣ-ਪਛਾਣ ਕੰਪਿਊਟਰ ਕੀ ਹੈ ਕੰਪਿਊਟਰ ਦੀ ਵਰਤੋਂ ਕੰਪਿਊਟਰ ਦੀ ਵਰਤੋਂ ਦੇ ਲਾਭ ਕੰਪਿਊਟਰ ਦੀ ਵਰਤੋਂ ਦੇ ਨੁਕਸਾਨ ਈ-ਵੇਸਟ ਦੇ ਨਿਪਟਾਣ ਦੀ ਸਮੱਸਿਆ ਕੰਪਿਊਟਰ ਦੀ ਵਰਤੋਂ ਬਾਰੇ-ਵਿਚਾਰ ਸਾਰੰਸ਼)
- ਰੁੱਖਾਂ ਦੇ ਲਾਭ
ਨੁਕਤੇ : – (ਜਾਣ-ਪਛਾਣ ਲੋਕ ਮਾਨਸਿਕਤਾ ਵਿੱਚ ਰੁੱਖ ਰੁੱਖਾਂ ਦੇ ਲਾਭ ਰੁੱਖਾਂ ਤੋਂ ਬਿਨਾਂ ਵਾਤਾਵਰਨ ਰੁੱਖਾਂ ਦੀ ਅੰਨ੍ਹੇ-ਵਾਹ ਕਟਾਈ ਵਿਦੇਸ਼ਾਂ ਵਿੱਚ ਰੁੱਖਾਂ ਦੀ ਸੰਭਾਲ ਰੁੱਖ ਹੀ ਜੀਵਨ ਹਨ ਰੁੱਖਾਂ ਨੂੰ ਬਚਾਉਣ ਦੀ ਲੋੜ ਸਾਰੰਸ਼)

9. ਪੱਤਰ-ਰਚਨਾ : 1×6=6

- ਮੰਨ ਲਓ ਤੁਸੀਂ ਹੋਸਟਲ ਵਿੱਚ ਰਹਿ ਕੇ ਆਪਣੀ ਪੜ੍ਹਾਈ ਕਰ ਰਹੇ ਹੋ । ਤੁਹਾਡੇ ਮਾਪਿਆਂ ਨੇ ਤੁਹਾਡੇ ਵੱਡੇ ਭਰਾ ਦੇ ਵਿਆਹ ਦੇ ਪ੍ਰੋਗਰਾਮਾਂ ਤੇ ਰਸਮਾਂ ਬਾਰੇ ਤੁਹਾਨੂੰ, ਚਿੱਠੀ ਲਿਖ ਕੇ, ਤੁਹਾਡੀ ਸਲਾਹ ਪੁੱਛੀ ਹੈ । ਇੱਕ ਪੱਤਰ ਰਾਹੀਂ ਦੱਸੋ ਕਿ ਉਹਨਾਂ ਵਿੱਚ ਹੋਰ ਕੀ-ਕੀ ਸੁਧਾਰ ਕੀਤੇ ਜਾ ਸਕਦੇ ਹਨ ।
(ਚਿੱਠੀ ਰਾਹੀਂ ਤਾਗੀਖ ਦਾ ਪਤਾ ਲੱਗਣਾ ਸਲਾਹ ਪੁੱਛਣ ਬਾਰੇ ਜਾਣ ਕੇ ਚੰਗਾ ਲੱਗਣਾ ਭਰਾ ਦੀ ਅਗਾਂਹ-ਵਧੂ ਸੋਚ ਦਾ ਖਿਆਲ ਰੱਖਣਾ ਬੇਲੋੜੀਆਂ ਰਸਮਾਂ ਤੇ ਛਜੂਲ-ਖਰਚੀ ਨਾ ਕਰਨ ਦੀ ਸਲਾਹ ਲੜਕੀ ਵਾਲਿਆਂ ਦੇ ਪਰਿਵਾਰ 'ਤੇ ਕੋਈ ਬੋਝ ਨਾ ਪਾਉਣਾ ਬਰਾਤ ਵਿੱਚ ਕੇਵਲ ਪੰਜ-ਸੱਤ ਵਿਅਕਤੀ ਛਜੂਲ ਦੇ ਹੁੜਦੰਗਾ ਤੋਂ ਪਰਹੇਜ਼ ਸਾਦੇ ਵਿਆਹ ਦੀ ਮਿਸਾਲ ਕਾਇਮ ਕਰਨਾ)
- ਜਾਂ (OR)
ਤੁਸੀਂ ਆਪਣੇ ਸਕੂਲ ਵਿੱਚ ਅੰਤਰ-ਸੈਕਸ਼ਨ ਕਵਿਤਾ-ਉਚਾਰਨ ਮੁਕਾਬਲਾ ਕਰਵਾਉਣਾ ਚਾਹੁੰਦੇ ਹੋ । ਸਕੂਲ ਦੀ ਸਾਹਿਤ ਸਭਾ ਦਾ ਪ੍ਰਧਾਨ ਹੋਣ ਦੇ ਨਾਤੇ ਤੁਸੀਂ ਇਸ ਦੀ ਇਜਾਜ਼ਤ ਲੈਣ ਲਈ ਆਪਣੇ ਸਕੂਲ ਦੇ/ਦੀ ਪ੍ਰਸੀਪਲ ਨੂੰ ਬਿਨੈ-ਪੱਤਰ ਲਿਖੋ ।
(ਸਾਹਿਤ ਸਭਾ ਦੀ ਮੀਟਿੰਗ ਵਿੱਚ ਫੈਸਲਾ ਅੰਤਰ-ਸੈਕਸ਼ਨ ਕਵਿਤਾ-ਉਚਾਰਨ ਮੁਕਾਬਲਾ ਕਰਵਾਉਣ ਬਾਰੇ ਸਹਿਮਤੀ ਬੱਚਿਆਂ ਵਿੱਚ ਸਾਹਿਤਕ ਰੁਚੀਆਂ ਪ੍ਰਭੂਲਤ ਕਰਨ ਦੀ ਲੋੜ ਜੁਲਾਈ ਦੇ ਦੂਜੇ ਹੜਤੇ ਵਿੱਚ ਇਜਾਜ਼ਤ ਤੋਂ ਬਾਅਦ ਹੀ ਤਾਗੀਖ ਨਿਰਧਾਰਨ ਇਜਾਜ਼ਤ ਲਈ ਬੇਨਤੀ)



10. ਹੇਠਲੀ ਤਸਵੀਰ ਨੂੰ ਧਿਆਨ ਨਾਲ ਵੇਖੋ ਅਤੇ ਉਸ ਬਾਰੇ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ ।

$1 \times 4 = 4$



ਨੋਟ: ਹੇਠਲਾ ਪ੍ਰਸ਼ਨ ਤਸਵੀਰ ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ ਦੀ ਥਾਂ ਸਿਰਫ਼ ਨੇਤਰਗੀਣ ਵਿਦਿਆਰਥੀਆਂ ਲਈ ਹੈ ।

ਆਪਣੇ ਸਕੂਲ ਦੇ ਪ੍ਰਸ਼ੰਸਕ ਨੂੰ ਆਪਣਾ ਸੈਕਸ਼ਨ ਬਦਲਣ ਲਈ ਬਿਨੈ-ਪੱਤਰ ਲਿਖੋ ।

ਭਾਗ-IV : ਪਾਠ-ਪੁਸਤਕਾਂ 'ਤੇ ਆਧਾਰਿਤ ਪ੍ਰਸ਼ਨ
(PART-IV : Text-Book Based Questions) $5+5+4+14+8+4=40$

11. ਕਹਾਣੀ ਤੇ ਵਾਰਤਕ ਵਿੱਚੋਂ (ਪੁੱਛੇ ਗਏ ਅਨੁਸਾਰ ਛੇ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚੋਂ ਕੋਈ ਪੰਜ (any five) ਹੱਲ ਕਰੋ) :

$5 \times 1 = 5$

(i) ਜਿਸ ਵਿਅਕਤੀ ਨੂੰ ਘਰ ਦਾ ਪਿਆਰ ਨਹੀਂ ਮਿਲਿਆ ਹੁੰਦਾ, ਉਸ ਦਾ ਸੁਭਾਅ ਕਿਹੋ ਜਿਹਾ ਹੁੰਦਾ ਹੈ ? 'ਘਰ ਦਾ ਪਿਆਰ' ਲੇਖ ਦੇ ਆਧਾਰ 'ਤੇ ਦੱਸੋ ।

(A) ਹਸਮੁਖ (B) ਬੁਸ਼-ਮਿਜ਼ਾਜ਼

(C) ਪਿਆਰ ਵਾਲਾ (D) ਸੜੀਅਲ

(ii) 'ਬੋਲੀ' ਲੇਖ ਅਨੁਸਾਰ ਅਣਬੋਲਿਆ ਮਨੁੱਖ ਕਿਹੋ ਜਿਹਾ ਹੁੰਦਾ ਹੈ ?

(A) ਸੋਨੇ ਵਰਗਾ (B) ਸਿੱਕਿਆਂ ਵਰਗਾ

(C) ਬੂਹੇ-ਬੰਦ ਮਕਾਨ ਵਰਗਾ (D) ਕੱਪੜਿਆਂ ਵਰਗਾ

(iii) 'ਮੇਰੇ ਵੱਡੇ ਵੱਡੇ' ਲੇਖ ਅਨੁਸਾਰ ਲੇਖਕ ਦੇ ਦਾਦੇ ਹੁਰੀਂ ਕਿੰਨੇ ਭਰਾ ਸਨ ?

(A) ਤਿੰਨ (B) ਚਾਰ

(C) ਪੰਜ (D) ਛੇ



(iv) 'ਕੁਲਫੀ' ਕਹਾਣੀ ਵਿੱਚ ਲੇਖਕ ਨੇ ਆਪਣੇ ਸਾਥੀ ਤੋਂ ਕਿੰਨੇ ਰੂਪਏ ਉਧਾਰ ਲਏ ਸਨ ?
 (A) ਦੇ (B) ਤਿੰਨ
 (C) ਚਾਰ (D) ਟਕਾ

(v) 'ਧਰਤੀ ਹੇਠਲਾ ਬਲਦਾ' ਕਹਾਣੀ ਵਿੱਚ ਮਾਨ ਸਿੰਘ ਨੂੰ ਕਰਮ ਸਿੰਘ ਦੀ ਮੌਤ ਬਾਰੇ ਕਿਸ ਤੋਂ ਪਤਾ ਲੱਗਿਆ ?
 (A) ਜਸਵੰਤ ਸਿੰਘ ਤੋਂ (B) ਕਰਮ ਸਿੰਘ ਦੇ ਪਿਤਾ ਤੋਂ
 (C) ਡਾਕੀਏ ਤੋਂ (D) ਕਰਮ ਸਿੰਘ ਦੇ ਬੱਚੇ ਤੋਂ

(vi) 'ਅੰਗ-ਸੰਗ' ਕਹਾਣੀ ਵਿੱਚ ਕਰਤਾਰ ਸਿੰਘ ਦੇ ਬਿਮਾਰ ਹੋਣ 'ਤੇ ਅਮਰੀਕ ਸਿੰਘ ਨੂੰ ਕੌਣ ਲੈਣ ਗਿਆ ਸੀ ?
 (A) ਮਹਿੰਦਰ (B) ਮੱਖਣ ਸਿੰਘ
 (C) ਸੋਸਾਇਟੀ ਦਾ ਇਨਸਪੈਕਟਰ (D) ਬੰਸੋ

12. ਕਵਿਤਾ ਤੇ ਇਕਾਂਗੀ ਵਿੱਚੋਂ (ਪੁੱਛੇ ਗਏ ਅਨੁਸਾਰ ਛੇ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚੋਂ ਕੋਈ ਪੰਜ (any five) ਹੱਲ ਕਰੋ) :

5×1=5

(i) ਅਸੀਂ ਖਤੇ ਬਹੁਤ ਕਮਾਵਦੇ ਅੰਤੁ ਨ ਪਾਰਾਵਾਰੁ' ਸਤਰਾਂ ਕਿਸ ਰਚਨਾਂ ਵਿੱਚੋਂ ਹਨ ?
 (A) ਕਿਰਪਾ ਕਰਿ ਕੈ ਬਖਸਿ ਲੈਹੁ
 (B) ਸੋ ਕਿਉ ਮੰਦਾ ਆਖੀਐ
 (C) ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ
 (D) ਸਤਿਗੁਰ ਨਾਨਕ ਪ੍ਰਗਟਿਆ

(ii) ਸ਼ਾਹ ਮੁਹੰਮਦ ਦੀ ਰਚਨਾ 'ਜੰਗ ਦਾ ਹਾਲ' ਵਿੱਚ ਆਏ ਸ਼ਬਦ 'ਮੇਖਜ਼ੀਨਾਂ' ਤੋਂ ਕੀ ਭਾਵ ਹੈ ?
 (A) ਪਲੀਤਾ (B) ਅੰਗਾਰੇਜ਼
 (C) ਸ਼ਸਤਰ-ਘਰ (D) ਫੈਸਲਾ

(iii) 'ਭੰਡ ਜੰਮੀਐ ਭੰਡ ਨਿੰਮੀਐ ਭੰਡ ਮੰਗਣੂ ਵੀਆਹੁ' ਸਤਰਾਂ ਵਿੱਚ 'ਭੰਡ' ਸ਼ਬਦ ਦੇ ਅਰਥ ਹੇਠ ਲਿਖੇ ਵਿਕਲਪਾਂ ਵਿੱਚੋਂ ਚੁਣੋ :
 (A) ਬੰਧਨ (B) ਪਿਆਰ
 (C) ਸੰਬੰਧ (D) ਇਸਤਰੀ

(iv) "ਮਿਲ੍ਹ ਗਈ, ਵੇ ਪੁੱਤੇ, ਸਿੱਖਿਆ । ਹੁਣ ਮੇਰੇ ਮਗਰ ਇਹ ਗੱਲ ਨਾ ਪਾ ਦਿਓ ।" 'ਦੂਜਾ ਵਿਆਹ' ਇਕਾਂਗੀ ਵਿੱਚ ਇਹ ਸ਼ਬਦ ਕਿਸ ਨੇ ਕਹੇ ?
 (A) ਬਲਵੰਤ ਸਿੰਘ ਨੇ (B) ਸੁਖਦੇਵ ਕੌਰ ਨੇ
 (C) ਨਿਹਾਲ ਕੌਰ ਨੇ (D) ਗੁਰਦਿੱਤ ਸਿੰਘ ਨੇ



(v) 'ਜ਼ਫਰਨਾਮਾ' ਇਕਾਂਗੀ ਅਨੁਸਾਰ ਕਿਸ ਮੁਗਲ ਬਾਦਸ਼ਾਹ ਨੇ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਅੱਗੇ ਆਪਣਾ ਸਿਰ ਝੁਕਾਇਆ ?

(A) ਬਾਬਰ (B) ਅੰਰੰਗਜ਼ੇਬ
(C) ਅਸ਼ੋਕ (D) ਅਕਬਰ

(vi) "ਵਜੀਰ ਖਾਂ ਨੇ ਗੁਰੂ ਦੇ ਦੋਵੇਂ ਛੋਟੇ ਬੇਟੇ ਜਿਉਂਦੇ ਨੀਹਾਂ ਵਿੱਚ ਚਿਣਵਾ ਕੇ ਮਰਵਾ ਦਿੱਤੇ ਹਨ ।" 'ਜ਼ਫਰਨਾਮਾ' ਇਕਾਂਗੀ ਵਿੱਚ ਇਹ ਸ਼ਬਦ ਕਿਸ ਨੇ ਕਹੇ ?

(A) ਜੀਨਤ (B) ਅਸਦ ਖਾਨ
(C) ਅੰਰੰਗਜ਼ੇਬ (D) ਬੇਗਾਮ ਉਦੈਪੁਰੀ

13. ਕਹਾਣੀ ਤੇ ਵਾਰਤਕ ਵਿੱਚੋਂ (ਕਿਸੇ ਚਾਰ (any four) ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਇੱਕ-ਦੋ ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿਓ) :

4×1=4

(i) ਮੇਰੇ ਵੱਡੇ-ਵੱਡੇਰੇ ਲੇਖ ਵਿੱਚ ਪ੍ਰਸ਼ਾਸਦ ਦਾ ਸਾਰਾ ਕੜਾਹਾ ਕਿਨ੍ਹਾਂ ਨੇ ਸਮੇਟ ਛੱਡਿਆ ?

(ii) 'ਬੋਲੀ' ਲੇਖ ਵਿੱਚ ਬੱਚਿਆਂ ਦੀ ਦੁਨੀਆ ਵਿੱਚ ਕਿਹੜਾ ਵਾਧਾ ਕਾਇਮ ਰੱਖਣ ਦੀ ਗੱਲ ਕੀਤੀ ਹੈ ?

(iii) 'ਘਰ ਦਾ ਪਿਆਰ' ਲੇਖ ਅਨੁਸਾਰ ਲੇਖਕ ਜਦੋਂ ਰਾਵਲਪਿੰਡੀ ਪੜ੍ਹਦਾ ਸੀ ਤਾਂ ਕਿਹੜਾ ਦਿਨ ਕੱਟਣ ਆਪਣੇ ਪਿੰਡ ਜਾਂਦਾ ਸੀ ?

(iv) ਕਾਕੇ ਦੇ ਢੁੱਡ ਮਾਰਨ ਨਾਲ ਸ਼ਾਹਾਂ ਦਾ ਮੁੰਡਾ ਕਿਥੇ ਛਿੱਗ ਪਿਆ ਸੀ ? 'ਕੁਲਫੀ' ਕਹਾਣੀ ਦੇ ਆਧਾਰ 'ਤੇ ਦੱਸੋ ।

(v) 'ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ' ਕਹਾਣੀ ਵਿੱਚ ਮਾਨ ਸਿੰਘ ਤਰਨਤਾਰਨ ਕਿਸ ਨਾਲ ਗਿਆ ਸੀ ?

14. ਕਹਾਣੀ, ਵਾਰਤਕ ਤੇ ਇਕਾਂਗੀ ਵਿੱਚੋਂ (ਕਿਸੇ ਸੱਤ (any seven) ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ 25 ਤੋਂ 30 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿਓ) :

7×2=14

(i) 'ਅੰਗ-ਸੰਗ' ਕਹਾਣੀ ਵਿੱਚ ਅਮਰੀਕ ਸਿੰਘ ਨੂੰ ਆਪਣਾ ਆਪ ਵੀ ਆਪਣੇ ਪਿਛ ਦੀ ਮੌਤ ਦਾ ਇੱਕ ਕਾਰਨ ਲਗਦਾ ਹੈ । ਤੁਹਾਨੂੰ ਉਸ ਦੀ ਇਹ ਗੱਲ ਕਿੰਨੀ 'ਕੁ ਸਹੀ ਲਗਦੀ ਹੈ ? ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟ ਕਰੋ ।

(ii) 'ਕੁਲਫੀ' ਕਹਾਣੀ ਦੇ ਆਧਾਰ 'ਤੇ ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟਾਓ ਕਿ ਲੇਖਕ ਇਸ ਕਹਾਣੀ ਰਾਹੀਂ ਕੀ ਸੰਦੇਸ਼ ਦੇਣਾ ਚਾਹੁੰਦਾ ਹੈ ?

(iii) ਤੁਹਾਡੇ ਵਿਚਾਰ ਅਨੁਸਾਰ 'ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ' ਕਹਾਣੀ ਦਾ ਸਿਰਲੇਖ ਕਿੰਨਾ 'ਕੁ ਢੁਕਵਾਂ ਹੈ ?

(iv) 'ਦੂਜਾ ਵਿਆਹ' ਇਕਾਂਗੀ ਵਿੱਚ ਬਲਦੰਤ ਸਿੰਘ ਵੱਲੋਂ ਦੂਜਾ ਵਿਆਹ ਕਰਵਾਉਣ ਦੀ ਖਬਰ ਸੁਣ ਕੇ ਮਨਜ਼ੀਤ ਆਪਣੀ ਸੱਸ ਨੂੰ ਕਿਵੇਂ ਹੌਸਲਾ ਦਿੰਦੀ ਹੈ ?

(v) 'ਜ਼ਫਰਨਾਮਾ' ਇਕਾਂਗੀ ਦੇ ਕਿਸੇ ਇੱਕ ਪਾਤਰ ਬਾਰੇ ਆਪਣੇ ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ ।



(vi) 'ਤੁਰਨ ਦਾ ਹੁਨਰ' ਪਾਠ ਤੋਂ ਤੁਹਾਨੂੰ ਕੀ ਸਿੱਖਿਆ ਮਿਲਦੀ ਹੈ ?

(vii) 'ਘਰ ਦਾ ਪਿਆਰ' ਲੇਖ ਅਨੁਸਾਰ ਘਰ ਦੇ ਪਿਆਰ ਤੋਂ ਹੀ ਸਮਾਜ ਅਤੇ ਦੇਸ ਦਾ ਪਿਆਰ ਪੈਦਾ ਹੁੰਦਾ ਹੈ । ਤੁਸੀਂ ਲੇਖਕ ਦੀ ਇਸ ਗੱਲ ਨਾਲ ਕਿੰਨੇ 'ਕੁ ਸਹਿਮਤ ਹੋ ? ਤਰਕ ਸਹਿਤ ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟ ਕਰੋ ।

(viii) 'ਬੋਲੀ' ਲੇਖ ਅਨੁਸਾਰ 'ਬੋਲੀ ਤੋਂ ਹੀ ਅਸੀਂ ਮਨੁੱਖੀ ਅਮੀਰੀ ਦਾ ਮੇਚਾ ਲੈ ਸਕਦੇ ਹਾਂ ।' ਤੁਹਾਡੇ ਵਿਚਾਰ ਅਨੁਸਾਰ ਲੇਖਕ ਦੁਆਰਾ ਆਖੀ ਗਈ ਇਹ ਗੱਲ ਕਿੰਨੀ 'ਕੁ ਸਹੀ ਹੈ ?

15. ਕਵਿਤਾ ਤੇ ਵਾਰਤਕ ਵਿੱਚੋਂ (ਹੇਠ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉਤੇਰ 50 ਤੋਂ 60 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿਓ) : $2 \times 4 = 8$

(i) (ਉ) ਭਾਈ ਗੁਰਦਾਸ ਜੀ ਦੀ ਰਚਨਾ 'ਸਤਿਗੁਰ ਨਾਨਕ ਪ੍ਰਗਟਿਆ' ਦੇ ਆਧਾਰ 'ਤੇ ਦੱਸੋ ਕਿ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ ਦੇ ਪ੍ਰਗਟ ਹੋਣ ਨਾਲ ਸਿੱਧਾਂ ਦੇ ਆਸਣਾਂ 'ਤੇ ਕੀ ਪ੍ਰਭਾਵ ਪਿਆ ?

ਜਾਂ (OR)

(ਅ) 'ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ' ਰਚਨਾ ਦਾ ਕੇਂਦਰੀ ਭਾਵ ਲਿਖੋ ।

(ii) (ਉ) 'ਤੁਰਨ ਦਾ ਹੁਨਰ' ਪਾਠ ਅਨੁਸਾਰ ਪੈਦਲ ਤੁਰਿਆਂ ਮਨੁੱਖ ਕੁਦਰਤ ਦੇ ਨੇੜੇ ਕਿਵੇਂ ਹੋ ਜਾਂਦਾ ਹੈ ? ਦਲੀਲਾਂ ਸਹਿਤ ਉਤੇਰ ਦਿਓ ।

ਜਾਂ (OR)

(ਅ) 'ਪ੍ਰਾਰਥਨਾ' ਲੇਖ ਨੂੰ ਪੜ੍ਹ ਕੇ ਤੁਹਾਨੂੰ ਕੀ ਸਿੱਖਿਆ ਜਾਂ ਸੇਧ ਮਿਲਦੀ ਹੈ ? ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟ ਕਰੋ ।

16. ਇਕਾਂਗੀ ਵਿੱਚੋਂ (ਕਿਸੇ ਇੱਕ (any one) ਪ੍ਰਸ਼ਨ ਦਾ ਉਤੇਰ 50 ਤੋਂ 60 ਸ਼ਬਦਾਂ ਵਿੱਚ ਦਿਓ) : $1 \times 4 = 4$

(i) 'ਜ਼ਫਰਨਾਮਾ' ਵਿੱਚ ਐੰਗੰਜੇਬ ਬਾਰੇ ਕੀ ਖਾਸ ਲਿਖਿਆ ਸੀ, ਜੋ ਉਹ ਏਨੇ ਧਿਆਨ ਨਾਲ ਉੱਚੀ-ਉੱਚੀ ਪੜ੍ਹ ਰਿਹਾ ਸੀ ? 'ਜ਼ਫਰਨਾਮਾ' ਇਕਾਂਗੀ ਦੇ ਆਧਾਰ 'ਤੇ ਚਾਨਣਾ ਪਾਓ ।

(ii) 'ਦੂਜਾ ਵਿਆਹ' ਇਕਾਂਗੀ ਵਿੱਚ ਨਿਹਾਲ ਕੌਰ, ਮਨਜੀਤ ਨੂੰ ਦੂਜੇ ਵਿਆਹ ਦੀਆਂ ਧਮਕੀਆਂ ਕਿਉਂ ਦਿੰਦੀ ਰਹਿੰਦੀ ਹੈ ? ਕੀ ਉਸ ਦਾ ਇੰਝ ਧਮਕੀਆਂ ਦੇਣਾ ਜਾਇਜ਼ ਹੈ ? ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟ ਕਰੋ ।