



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD
CEN 07/2024 - मिनिस्ट्रियल और आइसोलेटेड कोटियाँ / CEN 07/2024 - Ministerial & Isolated Categories



| | |
|-----------|---|
| Test Date | 11/09/2025 |
| Test Time | 12:45 PM - 2:15 PM |
| Subject | PRIMARY TEACHER and PRIMARY RAILWAY TEACHER |

* Note
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : Professional Ability

| | |
|-----|--|
| Q.1 | A school plans student-led clubs and counselling to address peer conflicts and absenteeism. Which principle best supports this? |
| Ans | <div><div><input checked="" type="checkbox"/></div><div>A. Less peer contact prevents pressure.</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Social engagement builds identity and autonomy.</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Extracurricular activities lower academic focus.</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Cognitive growth relies only on teacher instruction.</div></div> |
| Q.2 | A fundamental vision of NEP 2020 for the Indian education system is to ensure that quality education reaches every citizen. What core principle underpins this broad objective for all learners? |
| Ans | <div><div><input checked="" type="checkbox"/></div><div>A. Equitable inclusion</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Selective access</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Exclusive pathways</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Standardised curricula</div></div> |
| Q.3 | Investing in adolescent health helps reduce: |
| Ans | <div><div><input checked="" type="checkbox"/></div><div>A. both morbidity and mortality in adolescents</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. neither morbidity nor mortality</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. only adult mortality</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. only adolescent morbidity</div></div> |
| Q.4 | A school leader organises workshops with teachers, parents, and students to draft a shared long-term vision, sets measurable goals, and aligns resources for continuous improvement. This reflects: |
| Ans | <div><div><input checked="" type="checkbox"/></div><div>A. transactional goal enforcement</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. short-term task management</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. vision building and strategic school development</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. routine administrative planning</div></div> |
| Q.5 | Zone of Proximal Development means: |
| Ans | <div><div><input checked="" type="checkbox"/></div><div>A. what a child can do alone</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. what a child can do with help</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. what a child learns by memory</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. what a child cannot learn</div></div> |

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Q.6 The school assembly is most effective when it:

- Ans

☒

A. serves as a platform only for delivering administrative instructions
- ☒

B. functions as a replacement for classroom teaching-learning practices
- ☒

C. promotes moral values and collective identity among students
- ☒

D. focusses entirely on entertaining students with cultural programs

Q.7 Which statement best shows that development is continuous?

- Ans

☒

A. Growth spurts occur at puberty.
- ☒

B. Early skills affect the later abilities.
- ☒

C. Learning replaces heredity.
- ☒

D. All children develop at the same rate.

Q.8 Which of the following does the overt curriculum primarily refer to?

- Ans

☒

A. The unintended social values learned in class
- ☒

B. The student's own personal interpretations of content
- ☒

C. The official and formally documented learning plan
- ☒

D. The extracurricular activities outside the classroom

Q.9 Which statement best differentiates Assessment for Learning from Assessment as Learning?

- Ans

☒

A. The former certifies performance, while the latter ranks students
- ☒

B. The former guides instruction, while the latter builds metacognition
- ☒

C. The former emphasises grading, while the latter emphasises accreditation
- ☒

D. The former is external, while the latter is only teacher-centered

Q.10 A rural primary school aims for FLN by Grade 3 under NEP 2020. To ensure engagement and conceptual understanding beyond textbooks, which pedagogy should be adopted?

- Ans

☒

A. Rote memorisation
- ☒

B. Standardised worksheets
- ☒

C. Experiential learning
- ☒

D. Didactic instruction

Q.11 What is the primary developmental task of middle childhood?

- Ans

☒

A. Rapid physical growth
- ☒

B. Integration within individual and social context
- ☒

C. Independence from family only
- ☒

D. Preparing for adolescence challenges only

Q.12 For effective holistic development, what is the primary emphasis for parents and teachers in education?

- Ans

☒

A. Collaborative support
- ☒

B. Competitive achievement
- ☒

C. Standardised curriculum
- ☒

D. Academic grading

Q.13 Which of the following reflects peer observation?

- Ans

☒

A. An administrator checking lesson plan
- ☒

B. A colleague observing and sharing insights
- ☒

C. A parent observing children in class
- ☒

D. An inspector evaluating teaching style

Q.14 A teacher wants to ensure alignment between long-term goals and daily classroom teaching. Which sequence of instructional plans shows the correct hierarchy?

- Ans
- ☐ A. Lesson Plan → Unit Plan → Year Plan
 - ☒ B. Year Plan → Unit Plan → Lesson Plan
 - ☐ C. Unit Plan → Year Plan → Lesson Plan
 - ☐ D. Year Plan → Lesson Plan → Unit Plan

Q.15 Why should a teacher have a precise profile of each learner?

- Ans
- ☐ A. To decide which students deserve rewards
 - ☐ B. To compare learners with one another
 - ☒ C. To plan remediation and enrichment effectively
 - ☐ D. To reduce the teacher's workload

Q.16 Which principle should guide the selection of instructional resources?

- Ans
- ☐ A. Reliance on resources requiring minimal preparation
 - ☐ B. Adoption of teacher-centered delivery of materials
 - ☐ C. Preference for the most advanced technology available
 - ☒ D. Alignment with learning objectives and learner needs

Q.17 Which of the following is NOT a key function of counselling in schools?

- Ans
- ☐ A. Promoting students' self-understanding
 - ☒ B. Imposing strict discipline policies
 - ☐ C. Crisis intervention for immediate problems
 - ☐ D. Enhancing interpersonal skills among peers

Q.18 Which of the following is an example of a health behaviour adopted during adolescence that affects the later life?

- Ans
- ☐ A. Flu vaccination
 - ☐ B. Obesity
 - ☒ C. Tobacco use
 - ☐ D. Malaria infection

Q.19 According to the World Health Organization, adequate adolescent institutional support should integrate:

- Ans
- ☐ A. academic excellence with minimal extracurricular exposure
 - ☐ B. exclusive focus on vocational training
 - ☒ C. mental health services, life skills education, and community participation
 - ☐ D. strict discipline with limited peer contact

Q.20 Which of the following best explains the role of ICT in mass education?

- Ans
- ☐ A. ICT is mainly used for storing historical data for future use.
 - ☐ B. ICT is restricted to classroom teaching with limited scope.
 - ☐ C. ICT eliminates the need for teachers in the education system.
 - ☒ D. ICT educates many quickly through media.

Q.21 Why is school described as a 'miniature society'?

- Ans
- ☐ A. Because teachers act as substitutes for parents
 - ☐ B. Because it imitates the rules of larger society
 - ☒ C. Because children from diverse backgrounds learn to adjust to society
 - ☐ D. Because it focusses only on academic learning

Q.22 The headteacher practising distributed leadership mainly:

- Ans
- ☒ A. shares leadership with faculty through devolved roles
 - ☐ B. avoids delegation of responsibilities
 - ☐ C. keeps teachers out of decision-making
 - ☐ D. centralises all decisions

Q.23 Which core principle primarily guides the National Education Policy 2020's restructuring of the school education system into a 5+3+3+4 design?

- Ans
- ☐ A. Global benchmarking
 - ☐ B. Teacher specialisation
 - ☒ C. Child development
 - ☐ D. Economic efficiency

Q.24 Which of the following is a major function of transformational leadership?

- Ans
- ☐ A. Avoiding participation in school decisions
 - ☒ B. Developing a widely shared vision and consensus on goals
 - ☐ C. Reducing teacher workload by ignoring innovations
 - ☐ D. Prioritising administrative tasks only

Q.25 During adolescence, which developmental task is most critical, according to Erikson?

- Ans
- ☒ A. Identity vs. role confusion
 - ☐ B. Intimacy vs. isolation
 - ☐ C. Trust vs. mistrust
 - ☐ D. Autonomy vs. shame

Q.26 In the first step of measurement, what is actually measured?

- Ans
- ☐ A. The behaviour of a teacher
 - ☒ B. The quality or attribute of a person/thing
 - ☐ C. The person directly
 - ☐ D. The environment around the person

Q.27 According to Piaget, which stage involves logical thinking about concrete events but not abstract reasoning?

- Ans
- ☐ A. Sensorimotor
 - ☒ B. Concrete operational
 - ☐ C. Preoperational
 - ☐ D. Formal operational

Q.28 A teacher wants to maximise long-term learning in a mixed-ability class. Which strategy is most effective?

- Ans
- ☐ A. Extensive individual reading without guidance
 - ☒ B. Scaffolded, sequenced, with assessment and collaboration
 - ☐ C. Rote memorisation and frequent testing
 - ☐ D. Single lecture, minimal interaction

Q.29 Transformational leadership in schools primarily aims at:

- Ans
- ☐ A. delegating minor tasks to teaching assistants
 - ☒ B. inspiring change through vision and motivation
 - ☐ C. maintaining order and control in administration
 - ☐ D. ensuring compliance with government regulations

Q.30 Which of the following is the most inclusive practice in schools for addressing disability as a social construct?

- Ans
- ☐ A. Diagnostic approaches
 - ☐ B. Exclusive remedial centers
 - ☐ C. Segregated learning environments
 - ☒ D. Universal design for learning approaches

Q.31 When provisioning for counselling in schools, which consideration is most essential?

- Ans
- ☐ A. Making counselling mandatory for all students daily
 - ☒ B. Confidentiality and trust between student and counsellor
 - ☐ C. Publicly sharing students' problems for awareness
 - ☐ D. Limiting counselling to high achievers

Q.32 Which of the following best distinguishes syllabus from curriculum?

- Ans
- ☐ A. Syllabus deals with evaluation, curriculum omits evaluation
 - ☐ B. Syllabus includes goals, curriculum excludes goals
 - ☒ C. Syllabus is subject-specific, curriculum is broader
 - ☐ D. Syllabus focuses on methods, curriculum avoids methods

Q.33 Which of the following best defines a developmental task?

- Ans
- ☐ A. A challenge imposed by society
 - ☒ B. A task that arises at a particular life stage
 - ☐ C. A genetically inherited trait
 - ☐ D. A skill taught in school

Q.34 The family is recognised as the primary agent of socialisation. This designation is fundamentally based on its unique and pervasive influence in a child's early life. Which of the following best describes the family's core contribution to a child's social development?

- Ans
- ☐ A. Facilitating formal group activities
 - ☐ B. Introducing vocational career paths
 - ☐ C. Providing advanced academic skills
 - ☒ D. Transmitting fundamental values

Q.35 Which of the following values does a child primarily learn within the family?

- Ans
- ☐ A. Discipline and punctuality
 - ☒ B. Core values like cooperation, tolerance, and love
 - ☐ C. Economic independence
 - ☐ D. Scientific knowledge and reasoning

Q.36 What is the primary purpose of clearly linking lesson objectives to broader competencies and curricular goals in instructional planning?

- Ans
- ☒ A. Achieving defined learning standards
 - ☐ B. Standardising teaching methods
 - ☐ C. Streamlining assessment reporting
 - ☐ D. Ensuring administrative efficiency

Q.37 Which of the following is a primary aim of guidance and counselling in supporting students?

- Ans
- ☐ A. Academic grading
 - ☐ B. Curriculum planning
 - ☐ C. Mandating behaviour
 - ☒ D. Holistic development

Q.38 Which of the following does NOT represent a characteristic of an academic discipline?

- Ans
- ☒

 A. Having a defined object of research
- ☒

 B. Depending mainly on common-sense explanations
- ☒

 C. Building a body of specialist knowledge
- ☒

 D. Using specific terminologies related to research

Q.39 What is the primary role students are expected to assume in a modern teaching-learning process?

- Ans
- ☒

 A. Obedient followers
- ☒

 B. Active learner
- ☒

 C. Information recipients
- ☒

 D. Passive listeners

Q.40 Why is planning important in teaching-learning activities?

- Ans
- ☒

 A. To provide direction and clear goals
- ☒

 B. To reduce exams
- ☒

 C. To avoid homework
- ☒

 D. To replace textbooks

Q.41 A college student joins a fraternity and learns the organisation's specific rituals, rules, and history. What is this process best described as?

- Ans
- ☒

 A. Secondary socialisation
- ☒

 B. The hidden curriculum
- ☒

 C. Primary socialisation
- ☒

 D. Resocialisation

Q.42 Which of the following shows individual differences in development?

- Ans
- ☒

 A. All children follow same milestones.
- ☒

 B. Rate and capacity vary per child.
- ☒

 C. Patterns depend only on heredity.
- ☒

 D. Skills appear at fixed ages.

Q.43 What term describes the transitional period between childhood and adulthood?

- Ans
- ☒

 A. Infancy
- ☒

 B. Puberty
- ☒

 C. Adulthood
- ☒

 D. Adolescence

Q.44 Home-school discontinuity occurs when:

- Ans
- ☒

 A. the school and home culture are similar
- ☒

 B. the younger child is the most looked-after at home
- ☒

 C. children are encouraged to be independent both at home and school
- ☒

 D. there is a difference between home and school ethos, norms, or language

Q.45 In constructivist teaching, reflections and dialogues are mainly used for which purpose?

- Ans
- ☒

 A. Replacing activities with rote written exercises
- ☒

 B. Making students memorise facts without context
- ☒

 C. Maintaining silence and discipline in the classroom
- ☒

 D. Encouraging learners to co-construct knowledge

Q.46 A leader who motivates teachers by creating a shared vision of school improvement and inspiring collective commitment is practicing which of the following?

- Ans**
- ☐ A. Reflective practice
 - ☐ B. Transactional leadership
 - ☐ C. Instructional management
 - ☒ D. Transformational leadership

Q.47 What is a schema?

- Ans**
- ☐ A. A fixed and unchanging mental image
 - ☒ B. A mental map of a concept
 - ☐ C. A rule that defines numbers only
 - ☐ D. A list of behaviours to be memorised

Q.48 What is considered a foundational element for motivating students to learn effectively in a classroom?

- Ans**
- ☒ A. Teacher-student trust
 - ☐ B. Competitive grading
 - ☐ C. Rigid curriculum
 - ☐ D. Formal assessments

Q.49 A teacher uses reinforcement schedules to shape desired classroom behaviours. Which practice does this directly reflect?

- Ans**
- ☐ A. Social constructivism
 - ☒ B. Behaviourism
 - ☐ C. Cognitivism
 - ☐ D. Metacognition

Q.50 A constructivist teacher in a diverse classroom ensures inclusivity primarily by:

- Ans**
- ☐ A. providing identical content and tasks to all learners
 - ☐ B. reducing curriculum content to match the weakest learner
 - ☐ C. using only standardised testing to measure achievement
 - ☒ D. allowing learners to construct meaning through varied cultural experiences

Section : General Ability

Q.51 The second edition of Khelo India Para Games, which is part of the Khelo India mission to provide a platform for talented athletes to showcase their sporting and competitive skills, was held in how many disciplines in New Delhi in March 2025?

- Ans**
- ☒ A. Six
 - ☐ B. Ten
 - ☐ C. Eight
 - ☐ D. Four

Q.52 Water can exist in _____ states of matter.

- Ans**
- ☐ A. four
 - ☐ B. two
 - ☐ C. one
 - ☒ D. three

Q.53 A child has delayed growth and short stature due to a suspected hormone deficiency controlling body growth. Which gland is likely NOT producing enough of this hormone?

- Ans
- ☐ A. Thyroid
 - ☐ B. Adrenal
 - ☐ C. Pancreas
 - ☒ D. Pituitary

Q.54 Which of the following types of poultry is specifically bred and raised primarily for meat production?

- Ans
- ☐ A. Pullets
 - ☐ B. Hens
 - ☒ C. Broilers
 - ☐ D. Layers

Q.55 In August 2025, which court in Delhi passed an order to relocate all stray dogs in Delhi-NCR to shelters within eight weeks?

- Ans
- ☒ A. Supreme Court of India
 - ☐ B. Patiala House Court
 - ☐ C. Delhi High Court
 - ☐ D. Tis Hazari Court

Q.56 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☒ A. DG – IJ
 - ☐ B. HK – LO
 - ☐ C. PS – TW
 - ☐ D. NQ – RU

Q.57 What will come in place of the question mark (?) in the following equation if ‘+’ and ‘-’ are interchanged and ‘x’ and ‘÷’ are interchanged?

20 ÷ 4 × 8 = ?

- Ans
- ☒ A. 10
 - ☐ B. 40
 - ☐ C. 24
 - ☐ D. 32

Q.58 Each vowel in the word VOYAGE is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. Which of the following letters will appear exactly twice in the group of letters thus formed?

- Ans
- ☐ A. X
 - ☒ B. F
 - ☐ C. P
 - ☐ D. B

Q.59 Industrial and commercial green belts are examples of which type of forestry?

- Ans
- ☒ A. Urban forestry
 - ☐ B. Agroforestry
 - ☐ C. Farm forestry
 - ☐ D. Rural forestry

Q.60 Find the value of the expression $\frac{3(x + 7)}{2x - 1}$, if $x = 2$.

- Ans
- ☒ A. $\frac{27}{8}$
 - ☒ B. 9
 - ☒ C. 27
 - ☒ D. $\frac{9}{2}$

Q.61 Which of the following is/are NOT product(s) of the reaction between sodium sulphate and barium chloride?

- i. BaSO_4
- ii. NaCl
- iii. Na_2SO_4

- Ans
- ☒ A. iii only
 - ☒ B. i only
 - ☒ C. ii only
 - ☒ D. i and ii only

Q.62 Which of the following Acts allowed the Court of Directors to manage the commercial affairs, but created a new body called Board of Control to manage the political affairs?

- Ans
- ☒ A. Charter Act of 1793
 - ☒ B. Pitt's India Act of 1784
 - ☒ C. Regulating Act of 1773
 - ☒ D. Charter Act of 1813

Q.63 The simplified value of $286 \div \left[\frac{10}{5} \times \{ 10 + 7 - (8 + 9 - (6 + 7)) \} \right]$ is

- Ans
- ☒ A. 10
 - ☒ B. 12
 - ☒ C. 16
 - ☒ D. 11

Q.64 During inhalation, which of the following processes occurs?

- Ans
- ☒ A. Chest cavity shrinks.
 - ☒ B. Ribs move down and diaphragm becomes dome-shaped.
 - ☒ C. Ribs remain still and diaphragm contracts upward.
 - ☒ D. Ribs move up and diaphragm flattens.

Q.65 Which European power was the first to establish a trading post in India?

- Ans
- ☒ A. British
 - ☒ B. Portuguese
 - ☒ C. Dutch
 - ☒ D. French

Q.66 Which of the following statements is/are true regarding the Industrial Policy Resolution 1956?
No new industry could operate without government licensing.
This policy aimed to foster industrial growth in backward areas.
Industrial units in backward areas were given certain concessions such as tax benefits and electricity at a lower tariff.

- Ans
- ☐ A. Only statement b is true.
 - ☒ B. All statements a, b and c are true.
 - ☐ C. Only statement a is true.
 - ☐ D. Only statement c is true.

Q.67 What is the name of the region in the Great Plains where the Ganga and Yamuna meet?

- Ans
- ☐ A. Patna
 - ☐ B. Kanpur
 - ☐ C. New Delhi
 - ☒ D. Prayagraj

Q.68 A shopkeeper bought a television for ₹18,000, spent ₹2,000 on transportation and repairs, and sold it for ₹25,000. What is his profit percentage?

- Ans
- ☐ A. 30%
 - ☐ B. 35%
 - ☒ C. 25%
 - ☐ D. 20%

Q.69 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans
- ☐ A. SQ-PN
 - ☐ B. ZX-WU
 - ☒ C. DB-ZA
 - ☐ D. MK-JH

Q.70 After fertilisation, the ovary of the flower develops into a _____, and the ovule develops into a _____.

- Ans
- ☐ A. root, fruit
 - ☐ B. shoot, root
 - ☐ C. seed, shoot
 - ☒ D. fruit, seed

Q.71 Which of the following statements is NOT correct regarding the Committee on Public Undertakings of Parliament?

- Ans
- ☐ A. It has a tenure of one year.
 - ☐ B. It contains members from both the houses of Parliament.
 - ☒ C. It has a total of 30 members.
 - ☐ D. It contains 15 members from the Lok Sabha.

Q.72 For a given medium, a sound wave has a frequency of 3 kHz and a wavelength of 15 cm. How much time will it take to travel 9 km?

- Ans
- ☐ A. 25 seconds
 - ☐ B. 18 seconds
 - ☒ C. 20 seconds
 - ☐ D. 15 seconds

Q.73 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:

Some vegetables are nuts.
All fruits are nuts.

Conclusions:

(I) Some vegetables are fruits.
(II) All nuts are fruits.

- Ans
- ☒ A. Both conclusions (I) and (II) follow.
 - ☒ B. Only conclusion (II) follows.
 - ☒ C. Neither conclusion (I) nor (II) follows.
 - ☒ D. Only conclusion (I) follows.

Q.74 Which sport is associated with the National Championship called 'Santosh Trophy'?

- Ans
- ☒ A. Hockey
 - ☒ B. Cricket
 - ☒ C. Golf
 - ☒ D. Football

Q.75 In a certain code language, 'FROG' is coded as '5632' and 'GROW' is coded as '2385'. What is the code for 'W' in the given code language?

- Ans
- ☒ A. 5
 - ☒ B. 8
 - ☒ C. 6
 - ☒ D. 3

Q.76 A car travels the first 80 km at 40 km/hr and the next 60 km at 30 km/hr. What is the average speed for the entire journey?

- Ans
- ☒ A. 32 km/hr
 - ☒ B. 37 km/hr
 - ☒ C. 40 km/hr
 - ☒ D. 35 km/hr

Q.77 Which of the following UN Sustainable Development Goals (SDGs) specifically targets 'Climate Action'?

- Ans
- ☒ A. SDG 10
 - ☒ B. SDG 17
 - ☒ C. SDG 13
 - ☒ D. SDG 5

Q.78 Refer to the number and symbol series given below and answer the question that follows. Counting to be done from left to right only. (All numbers are single-digit numbers only.)

(Left) @ 5 2 & % 1 Ω 4 # 9 7 8 \$ 2 ^ 8 ! 3 6 * (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

- Ans
- ☒ A. 1
 - ☒ B. 9
 - ☒ C. 7
 - ☒ D. 4

Q.79 A tank has pipes P and Q, which can fill it in 8 and 12 hours, respectively, and pipe R which can empty it in 24 hours. The tank is initially one-third full. Pipes P and R run together for 2 hours. Then, P is closed and Q (with R) runs for 3 hours. Finally, all three pipes run together. Find the total time required to fill the tank completely.

- Ans
- ✓ A. $7\frac{1}{4}$ hours
 - ✗ B. $8\frac{1}{2}$ hours
 - ✗ C. $6\frac{1}{2}$ hours
 - ✗ D. 8 hours

Q.80 Select the option that is true regarding the following two statements labelled Statement (I) and Statement (II).

Statement I: The particles of a colloid are uniformly spread throughout the solution.

Statement II: A colloidal solution is a heterogeneous mixture, for example, milk.

- Ans
- ✓ A. Both statements are true.
 - ✗ B. Both statements are False.
 - ✗ C. Statement I is true, but Statement II is false.
 - ✗ D. Statement I is false, but Statement II is true.

Q.81 Which factor contributes to the slow implementation of rural infrastructure projects in India?

- Ans
- ✗ A. Over-reliance on private sector funding
 - ✓ B. Difficulties in land acquisition and bureaucratic delays
 - ✗ C. Excessive foreign investment in rural sectors
 - ✗ D. Lack of government support for infrastructure development

Q.82 If the ratio of the volume of a sphere to its surface area is 7 cm, find the surface area of the sphere.

- Ans
- ✗ A. $1724\pi \text{ cm}^2$
 - ✗ B. $1574\pi \text{ cm}^2$
 - ✗ C. $1664\pi \text{ cm}^2$
 - ✓ D. $1764\pi \text{ cm}^2$

Q.83 Find the mean proportion to 0.55 and 125 (rounded up to one decimal place).

- Ans
- ✓ A. 8.3
 - ✗ B. 7.8
 - ✗ C. 8.9
 - ✗ D. 7.2

Q.84 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

SWE LPX EIQ XBJ ?

- Ans
- ✗ A. QCE
 - ✓ B. QUC
 - ✗ C. QRC
 - ✗ D. QER

Q.85 What is the median of the following distribution?

| Class | 120-170 | 170-220 | 220-270 | 270-320 | 320-370 |
|-----------|---------|---------|---------|---------|---------|
| Frequency | 22 | 37 | 10 | 30 | 27 |

- Ans
- ☐ A. 250
 - ☐ B. 256
 - ☒ C. 240
 - ☐ D. 242

Q.86 Select the pair which follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.
PMO–MJL
OLN–LIK

- Ans
- ☐ A. RNO–NKM
 - ☒ B. ROQ–OLN
 - ☐ C. RNO–OLN
 - ☐ D. ROQ–NLM

Q.87 Which revolt is considered the first major challenge to British authority in Bengal?

- Ans
- ☐ A. Santhal Rebellion (1855–56)
 - ☐ B. Moplah Rebellion (1921)
 - ☐ C. Indigo Revolt (1859–60)
 - ☒ D. Sanyasi Rebellion (1763–1800)

Q.88 Seven boxes E, F, G, H, S, T and U are kept one over the other but not necessarily in the same order. Only two boxes are kept between H and F. Only G is kept above T. No box is kept below F. E is kept at some place below S but at some place above U. Which box is kept third above U?

- Ans
- ☐ A. E
 - ☒ B. S
 - ☐ C. T
 - ☐ D. G

Q.89 Which of the following statements is true about the relationship between an object's weight and its mass at a given place?

- Ans
- ☒ A. Weight is directly proportional to mass.
 - ☐ B. Mass changes, but weight stays the same.
 - ☐ C. Weight and mass are not related.
 - ☐ D. Weight is inversely proportional to mass.

Q.90 Which of the following Amendments to the Constitution of India deleted the right to property from the list of Fundamental Rights?

- Ans
- ☐ A. 86th Amendment Act, 2002
 - ☐ B. 42nd Amendment Act, 1976
 - ☐ C. 25th Amendment Act, 1971
 - ☒ D. 44th Amendment Act, 1978

Q.91 Manpreet invested ₹8,550 on simple interest for 3 years at the rate of 7% per annum. What is the final amount (in ₹) received by Manpreet?

- Ans
- ☐ A. 1,795.50
 - ☐ B. 10,050.50
 - ☒ C. 10,345.50
 - ☐ D. 10,500.50

Q.92 A, B, C, D, P, Q and R are sitting around a circular table facing the centre of the table. A sits to the immediate right of D. Only three people sit between A and C when counted from the left of A. Only three people sit between D and P. B sits to the immediate right of Q.
How many people sit between D and Q when counted from the right of Q?

- Ans
- ☐ A. Two
 - ☐ B. Four
 - ☐ C. Three
 - ☒ D. One

Q.93 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

14 B 3 C 6 A 2 D 5 B 2 = ?

- Ans
- ☐ A. 45
 - ☐ B. 38
 - ☐ C. 42
 - ☒ D. 35

Q.94 When white light passes through a prism, which colour is deviated the most with respect to the incident ray?

- Ans
- ☐ A. Red
 - ☒ B. Violet
 - ☐ C. Blue
 - ☐ D. Green

Q.95 In June–July 2025, user trials of the Extended Range Anti-Submarine Rocket (ERASR) were successfully carried out from which Indian Navy Ship (INS)?

- Ans
- ☐ A. INS Udaygiri
 - ☐ B. INS Himgiri
 - ☐ C. INS Nilgiri
 - ☒ D. INS Kavaratti

Q.96 The number 933877 is divisible by:

- Ans
- ☒ A. 89
 - ☐ B. 100
 - ☐ C. 84
 - ☐ D. 107

Q.97 In a certain code language, 'song card flash' is coded as 'ng nr ic' and 'card king tent' is coded as 'tf ma nr'. How is 'card' coded in the given language? (All codes are two-letter codes.)

- Ans
- ☒ A. nr
 - ☐ B. ic
 - ☐ C. ng
 - ☐ D. tf

Q.98 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
 (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(12, 25, 39)
 (17, 35, 49)

- Ans

 A. (7, 15, 39)

 B. (5, 11, 15)

 C. (21, 53, 67)

 D. (25, 51, 65)

Q.99 Refer to the following letter series and answer the question that follows.
 (Left) D J A T L N F M U Q P W A E B X C Z A S E (Right)
 If all the vowels are dropped from the series, which of the following will be fifth from the right?

- Ans

 A. B

 B. X

 C. W

 D. N

Q.100 The Defence Research and Development Organisation (DRDO) conducted two consecutive successful flight-tests of which missile from the Dr. APJ Abdul Kalam island, off the coast of Odisha on 28 and 29 July 2025?

- Ans

 A. Pralay

 B. ET-LDHCM

 C. Agni-I

 D. Prithvi-II