



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	9:00 AM - 10:30 AM
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	Which of the following best describes the primary need of adolescents in institutional settings, according to developmental psychology?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Complete independence from adults</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Focus exclusively on academic performance</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Avoidance of peer interaction</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Opportunities for identity exploration and skill-building</div></div>
Q.2	What is a common implication of delayed physical development in early childhood?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Limited mobility and coordination</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Enhanced emotional regulation</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Difficulty with abstract reasoning</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Poor social judgement</div></div>
Q.3	Which teaching practice most strongly reflects inclusivity in a higher education virtual classroom?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Designing assessments based only on written submissions</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Providing multiple modes of content delivery (videos, readings, discussions)</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Using one common lecture format for all learners</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Expecting students to adapt without any accommodation</div></div>
Q.4	Which domain is most relevant when assessing a child's ability to form friendships and manage emotions?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Physical development</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Socio-emotional development</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Cognitive development</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Moral development</div></div>
Q.5	A teacher wants to maintain authority without creating fear. Which approach aligns with contemporary educational psychology?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Authoritarian, imposing strict rules without discussion</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Authoritative, combining firm rules with respect and dialogue</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Indifferent, avoiding involvement in student behaviour</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Permissive, letting students do whatever they want</div></div>

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Q.6 The Right of Children to Free and Compulsory Education Act, 2009, came into force on _____.

- Ans

☐

A. 26 August 2009
- ☒

B. 1 April 2010
- ☐

C. 15 August 2010
- ☐

D. 4 August 2009

Q.7 Which of the following statements best differentiates the three types of assessment in teaching and learning?

- Ans

☐

A. Assessment of learning is formative, for learning is summative, and as learning is teacher-centred.
- ☐

B. Assessment of learning and for learning both mean the same, while as learning is optional.
- ☒

C. Assessment of learning judges achievement, for learning supports improvement, and as learning promotes student self-reflection.
- ☐

D. Assessment of learning builds metacognition, for learning evaluates final scores, and as learning monitors curriculum coverage.

Q.8 During a typical physical examination, a paediatrician measures a child's height and weight. These measurements are direct indicators of which of the following?

- Ans

☐

A. Maturation
- ☐

B. Development
- ☒

C. Growth
- ☐

D. Psychosocial adaptation

Q.9 In planning student activities, what does scaffolding ensure?

- Ans

☒

A. Students progress gradually with guided support
- ☐

B. Activities remain fixed for all learners equally
- ☐

C. Learners rely only on memorisation techniques
- ☐

D. Teachers deliver content without interruption

Q.10 According to Stanley Hall, adolescence is best described as:

- Ans

☒

A. a period of storm and stress
- ☐

B. a calm and steady stage
- ☐

C. a time of complete maturity
- ☐

D. a stage without emotional change

Q.11 Which of the following factors can limit growth despite learning opportunities?

- Ans

☐

A. Proximodistal law
- ☐

B. Stages
- ☐

C. Environment
- ☒

D. Maturation

Q.12 Mental health is best understood as:

- Ans

☐

A. a condition that does not affect social functioning
- ☒

B. a continuum ranging from positive wellbeing to severe symptoms
- ☐

C. a fixed state of emotional stability
- ☐

D. merely the absence of a mental illness

Q.13 How does the media act as a secondary socialisation agent in adolescence?

- Ans

☐

A. By teaching academic content
- ☐

B. By reinforcing family values
- ☒

C. By shaping attitudes and behaviours
- ☐

D. By promoting physical development

Q.14 In a constructivist classroom, knowledge is considered:

- Ans
- ☒

 A. independent of cultural and social influences
- ☒

 B. socially constructed and context-dependent
- ☒

 C. a fixed set of truths transmitted by experts
- ☒

 D. acquired through reinforcement and conditioning

Q.15 Which domain is most affected when a child shows delayed speech and language acquisition?

- Ans
- ☒

 A. Personal development
- ☒

 B. Cognitive development
- ☒

 C. Moral development
- ☒

 D. Physical development

Q.16 What is a key psychological need of adolescents, according to Erikson’s theory?

- Ans
- ☒

 A. Autonomy
- ☒

 B. Generativity
- ☒

 C. Trust
- ☒

 D. Identity

Q.17 Which of the following is NOT one of the three domains in which experience is generally classified?

- Ans
- ☒

 A. Cognitive (thinking)
- ☒

 B. Psychomotor (action and doing)
- ☒

 C. Affective (feelings and emotions)
- ☒

 D. Economic (resources and finance)

Q.18 At elementary level, planning covers which areas?

- Ans
- ☒

 A. Only scholastic
- ☒

 B. Only curricular
- ☒

 C. Both curricular and co-curricular
- ☒

 D. Only extra-curricular

Q.19 A teacher wants to create an engaging and effective lesson. Which principle should guide instruction?

- Ans
- ☒

 A. Let students study independently without structure
- ☒

 B. Sequence content, set clear objectives, and include interactive activities
- ☒

 C. Only lectures
- ☒

 D. Assign long readings without guidance

Q.20 Which socialisation agency is most responsible for early emotional development?

- Ans
- ☒

 A. Media
- ☒

 B. Religious institutions
- ☒

 C. School
- ☒

 D. Family

Q.21 Which of the following best describes intelligence broadly?

- Ans
- ☒

 A. The ability to produce unique sounds or perform extraordinary acts
- ☒

 B. The ability to memorise facts and reproduce them quickly
- ☒

 C. The ability to learn, adapt, understand, and interact with one’s environment
- ☒

 D. The ability to dance, sing, or play sports effectively

Q.22 Which of the following best explains the debate of 'nature vs. nurture' in development?

- Ans
- ☒

 A. Whether all development is controlled by genetics only
- ☒

 B. The interaction between genes and environment influences development
- ☒

 C. The role of nutrition in development
- ☒

 D. Whether the environment alone determines development

Q.23 An adolescent shows extreme withdrawal, refuses peer interaction, and frequently reports feelings of worthlessness. This deviation is most closely associated with:

- Ans
- ☒

 A. emotional or social maladjustment
- ☒

 B. delayed moral reasoning
- ☒

 C. physical developmental delay
- ☒

 D. cognitive rigidity

Q.24 Kohlberg’s theory is most relevant to which domain?

- Ans
- ☒

 A. Socio-emotional Development
- ☒

 B. Physical Development
- ☒

 C. Cognitive Development
- ☒

 D. Moral Development

Q.25 Which of the following is NOT a leadership role identified by Leithwood and Duke (1999)?

- Ans
- ☒

 A. Bureaucratic
- ☒

 B. Instructional
- ☒

 C. Moral
- ☒

 D. Transformational

Q.26 Which of the following is a key benefit of a strong school-community relationship?

- Ans
- ☒

 A. Reducing the role of teachers in the classroom
- ☒

 B. Bridging the gap between education and community
- ☒

 C. Limiting student exposure to community activities
- ☒

 D. Increased competition among students

Q.27 Cognitive development in adolescence is characterised by:

- Ans
- ☒

 A. mastery of concrete operations
- ☒

 B. preoperational thought
- ☒

 C. development of reflexes
- ☒

 D. formal operational thinking

Q.28 In inclusive classrooms, which of the following is the role of the teacher best described as?

- Ans
- ☒

 A. Administrator maintaining discipline
- ☒

 B. Evaluator focusing solely on test performance
- ☒

 C. Sole authority delivering knowledge
- ☒

 D. Facilitator adapting strategies for diverse learners

Q.29 Which of the following is most consistent with democratic education?

- Ans
- ☒

 A. Corporal punishment
- ☒

 B. Self-discipline
- ☒

 C. Obedience-based discipline
- ☒

 D. Autocratic discipline

Q.30 Which domain of development involves problem-solving and memory?

- Ans
- ☐

A. Emotional domain
- ☒

B. Cognitive domain
- ☐

C. Social domain
- ☐

D. Physical domain

Q.31 Who proposed the theory of moral development with three levels?

- Ans
- ☒

A. Lawrence Kohlberg
- ☐

B. Jean Piaget
- ☐

C. John Dewey
- ☐

D. Lev Vygotsky

Q.32 What is a School Development Plan primarily defined as?

- Ans
- ☒

A. Road map for change
- ☐

B. Budget allocation sheet
- ☐

C. Curriculum content guide
- ☐

D. Teacher performance report

Q.33 Why is investment in ECCE crucial?

- Ans
- ☐

A. Mainly for physical fitness and sports training
- ☒

B. To enable disadvantaged children to flourish in education
- ☐

C. Only for primary school entrance preparation
- ☐

D. For higher scores in competitive exams

Q.34 A student, though strong in basics, struggles with complex problems, feels frustrated, and shows low self-esteem. Which strategy should the teacher use?

- Ans
- ☐

A. More independent projects
- ☐

B. Increased group competition
- ☒

C. Scaffolded problem-solving
- ☐

D. Rote memorisation drills

Q.35 What is a core benefit of establishing Professional Learning Communities (PLCs) among school heads and teachers?

- Ans
- ☐

A. Limiting external stakeholder involvement
- ☐

B. Centralising curriculum decisions
- ☐

C. Reducing individual accountability
- ☒

D. Facilitating collective problem-solving

Q.36 Which situation best demonstrates the cephalocaudal principle of development, growth and motor control progress from the head toward the feet?

- Ans
- ☐

A. An adolescent undergoes a sudden increase in height during puberty.
- ☐

B. A child learns to eat with utensils before being able to hold a ball.
- ☐

C. A toddler speaks in complete sentences before being able to count to 10.
- ☒

D. An infant gains head control before learning to crawl.

Q.37 According to NEP 2020, the new school curricular structure is designed as:

- Ans
- ☐

A. 10+2 system of education
- ☐

B. 6+4 system of education
- ☒

C. 5+3+3+4 system of education
- ☐

D. 8+2 system of education

Q.38 Teaching method should match mainly with which of the following?

- Ans ☒ A. Course objectives and content
- ☐ B. Available time
- ☐ C. Student's background
- ☐ D. Teacher's choice

Q.39 Instructional leadership primarily focusses on:

- Ans ☒ A. teaching and learning functions
- ☐ B. infrastructure development
- ☐ C. public relations
- ☐ D. financial management

Q.40 According to constructivist principles, how should the classroom environment be?

- Ans ☐ A. Controlled and rigid
- ☒ B. Learner-centered
- ☐ C. With ventilation and lighting
- ☐ D. Teacher-centered

Q.41 Transformational leadership is centred on:

- Ans ☐ A. routine management
- ☐ B. following bureaucratic norms
- ☐ C. maintaining status quo
- ☒ D. inspiring and motivating others towards change

Q.42 Recent educational frameworks emphasise shifting learning and assessment from rote memorisation to which aspect?

- Ans ☐ A. Procedural skills
- ☐ B. Factual recall
- ☐ C. Content retention
- ☒ D. Conceptual clarity

Q.43 What is a primary benefit of Information and Communication Technology (ICT) for teachers in instructional planning?

- Ans ☐ A. Replacing classroom discussions
- ☐ B. Reducing teacher salaries
- ☒ C. Supplementing textbook material
- ☐ D. Automating student attendance

Q.44 Instructional leaders balance managerial and pedagogical roles by:

- Ans ☐ A. ignoring pedagogy while focussing on operational stability
- ☒ B. integrating administrative tasks with support for teaching practices
- ☐ C. delegating instruction completely to classroom teachers
- ☐ D. prioritising administrative tasks exclusively over learning concerns

Q.45 Programmed instruction is based on the principles of which of the following?

- Ans ☐ A. Humanism
- ☐ B. Constructivism
- ☐ C. Cognitivism
- ☒ D. Behaviourism

Q.46 Students actively participate, ask questions, and enjoy independent projects. Which classroom factor most likely supports this?

- Ans
- ☒ A. Supportive, inclusive, student-centred atmosphere
 - ☐ B. Strict rules and fixed seating
 - ☐ C. Frequent testing and public ranking
 - ☐ D. Teacher-dominated lectures

Q.47 Which is the best description of an annual plan?

- Ans
- ☐ A. Substitute teacher's lesson guide
 - ☐ B. Teacher's informal daily diary
 - ☐ C. Collection of teaching notes
 - ☒ D. Detailed map of curricular and co-curricular activities for whole year

Q.48 Which of the following best describes a learning disability?

- Ans
- ☒ A. A neurological condition affecting reading, writing, or arithmetic skills
 - ☐ B. A condition solely caused by lack of classroom attention
 - ☐ C. A disorder resulting from physical injury to the spinal cord only
 - ☐ D. A temporary delay in development that resolves without intervention

Q.49 In a constructivist classroom, observation, feedback, reflection, and dialogue are primarily used to:

- Ans
- ☐ A. ensure strict discipline and uniform responses
 - ☒ B. building knowledge through thinking and interaction
 - ☐ C. transmit fixed knowledge from teacher to learner
 - ☐ D. replace group work with individual memorisation tasks

Q.50 A student shows high potential but rarely completes assignments. Which factor is likely affecting learning, and what should the teacher do?

- Ans
- ☐ A. Classroom environment – change seating arrangement
 - ☐ B. Cognitive ability – assign more manageable tasks
 - ☐ C. Peer pressure – separate the student from peers
 - ☒ D. Motivation – set achievable goals and provide meaningful feedback

Section : General Ability

Q.51 Which of the following Acts of India is also referred to as the Montagu-Chelmsford Reforms, named after the then Secretary of State for India and the Viceroy?

- Ans
- ☒ A. Government of India Act of 1919
 - ☐ B. Indian Councils Act of 1909
 - ☐ C. Government of India Act of 1935
 - ☐ D. Indian Councils Act of 1861

Q.52 Find the value of

$3 \times 6 + 5 \times 3 - 4 \times 8 + 6 \times 2$ of $3 \div 24 + 6$ of $3 \times 2 - 5$

- Ans
- ☐ A. 28.3
 - ☒ B. 33.5
 - ☐ C. 26.7
 - ☐ D. 39.8

Q.53 On a simple interest, a sum becomes double in 5 years. It will be 8 times in _____ years on the same rate of interest.

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

Q.54 In a certain code language, 'urn wheat owl' is coded as ' zb kg mb' and 'two owl moon' is coded as 'yj vr kg'. How is 'owl' coded in the given language?

- Ans
- ☒ A. kg
 - ☐ B. zb
 - ☐ C. mb
 - ☐ D. yj

Q.55 *Simplify* : $3^2 + 3^2 + \sqrt{4}$

- Ans
- ☐ A. 25
 - ☐ B. 21
 - ☐ C. 17
 - ☒ D. 20

Q.56 Which of the following is the most continuous range of Himalayas?

- Ans
- ☐ A. The Trans Himalayas
 - ☒ B. The Greater Himalayas
 - ☐ C. The Shiwaliks
 - ☐ D. The Lesser Himalayas

Q.57 A construction project requires 18 workers working for 25 days. After 10 days, 6 workers leave and 4 new workers join who are 25% more efficient than original workers. After 5 more days, all remaining workers increase their efficiency by 20%. How many total days will the project take to complete?

- Ans
- ☐ A. $27\frac{7}{102}$ days
 - ☒ B. $24\frac{7}{102}$ days
 - ☐ C. $25\frac{7}{102}$ days
 - ☐ D. $26\frac{7}{102}$ days

Q.58 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster 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. NPK
 - ☐ B. UWR
 - ☐ C. QSN
 - ☒ D. SUO

Q.59 How many key pillars is the National Sports Policy, 2025, based on?

- Ans
- ☐ A. Three
 - ☐ B. Six
 - ☒ C. Five
 - ☐ D. Four

Q.60 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:

All carrots are beetroots.
No carrot is a ginger.

Conclusions:

- (I) Some gingers are beetroots.
(II) All beetroots are gingers.

- Ans

☒

A. Neither conclusion (I) nor (II) follows.
- ☐

B. Only conclusion (I) follows.
- ☐

C. Both conclusions (I) and (II) follow.
- ☐

D. Only conclusion (II) follows.

Q.61 The Indian Space Research Organisation (ISRO) and the Astronautical Society of India (ASI) hosted the Global Conference on Space Exploration (GLEX 2025), organised by the International Astronautical Federation (IAF), at which place in May 2025?

- Ans

☒

A. New Delhi
- ☐

B. Bengaluru
- ☐

C. Hyderabad
- ☐

D. Chennai

Q.62 A plant shows rapid growth at shoot and root tips. What tissue features support this observation?

- Ans

☒

A. Dense cytoplasm, prominent nuclei and no vacuoles
- ☐

B. Dead cells with lignified walls
- ☐

C. Presence of chloroplasts and stored food
- ☐

D. Large vacuoles and thick walls

Q.63 Refer to the following letter, number, symbol series and answer the question that follows.
(Left) C H * 8 5 9 * 4 9 1 6 5 L # 5 6 5 £ * K B (Right)
If all the numbers are dropped from the series, which of the following will be fifth from the left?

- Ans

☐

A. L
- ☒

B. *
- ☐

C. C
- ☐

D. #

Q.64 VANE is related to ZCJC in a certain way based on the English alphabetical order. In the same way, DEFA is related to HGBY.
To which of the given options is LIXW related, following the same logic?

- Ans

☐

A. OJUT
- ☐

B. QLSV
- ☒

C. PKTU
- ☐

D. QKSU

Q.65 Biotic stress in crop production is caused by _____.

- Ans

☐

A. water logging and drought
- ☒

B. insects, pathogens and other living organisms
- ☐

C. farming machinery and tools
- ☐

D. poor fertiliser application

Q.66 A car covers a distance from Hayathnagar to LB nagar at the speed of 64 km/hr and covers the distance from LB nagar to Hayathnagar at the speed of 56 km/hr. What is the average speed (rounded off to nearest integer) of the car?

- Ans
- A. 58 km/hr
- B. 61 km/hr
- C. 62 km/hr
- D. 60 km/hr

Q.67 What was the subject of the 106th Constitutional Amendment Act, 2023?

- Ans
- A. Reserving one-third of all seats in the Lok Sabha, state legislative assemblies and the Legislative Assembly of the National Capital Territory of Delhi for women
- B. Restoring the power of State governments to identify and classify Socially and Educationally Backward Classes (SEBCs), including Other Backward Classes (OBCs)
- C. Extending the reservation of seats for Scheduled Castes (SCs) and Scheduled Tribes (STs) in the Lok Sabha and state legislative assemblies for another ten years
- D. Introducing a 10% reservation for Economically Weaker Sections (EWS) in government jobs and educational institutions

Q.68 Which state launched a Tribal Genome Sequencing Project for strengthening the health of tribal citizens in July 2025 and became the first state to do so?

- Ans
- A. Telangana
- B. Manipur
- C. Gujarat
- D. Jharkhand

Q.69 Why do plants have more dead supportive tissue compared to animals?

- Ans
- A. Dead cells help in active locomotion.
- B. Plants are stationary and need support to remain upright.
- C. Dead cells help in reproduction.
- D. Plants require more energy for movement.

Q.70 P_1 and P_2 are two regular polygons. The sum of all the interior angles of P_1 is 1800° . Each interior angle of P_2 exceeds its exterior angle by 120° . The difference between the number of sides of P_1 and P_2 is:

- Ans
- A. 2
- B. 1
- C. 0
- D. 3

Q.71 Refer to the following letter, number and symbol series and answer the question that follows. Counting to be done from left to right only. (All numbers are single-digit numbers only.)

(Left) N R B C & 1 J 5 ! \$ 7 S K 9 3 # (Right)

How many such numbers are there which are immediately preceded by a symbol and also immediately followed by a letter?

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

Q.72	Which of the following ecological concepts best defines the process by which the concentration of toxic substances, such as pesticides, heavy metals and industrial chemicals, increases as they move up each trophic level in a food chain?
Ans	<div><div><input type="checkbox"/></div><div>A. Eutrophication</div></div> <div><div><input type="checkbox"/></div><div>B. Bioaccumulation</div></div> <div><div><input type="checkbox"/></div><div>C. Biodegradation</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Biomagnification</div></div>
Q.73	Seven boxes E, F, G, H,S, T and U are kept one over the other but not necessarily in the same order. Only three boxes are kept below T. Only two boxes are kept between T and E. Only S is kept above H. G is kept at some place below F and at some place above U. Which box is kept at second position from the bottom?
Ans	<div><div><input type="checkbox"/></div><div>A. H</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. U</div></div> <div><div><input type="checkbox"/></div><div>C. E</div></div> <div><div><input type="checkbox"/></div><div>D. G</div></div>
Q.74	Work done by a force on a body is said to be negative when:
Ans	<div><div><input type="checkbox"/></div><div>A. there is no displacement of the body</div></div> <div><div><input type="checkbox"/></div><div>B. the force is applied, but the body does not move</div></div> <div><div><input type="checkbox"/></div><div>C. the force and displacement are in the same direction</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. the force and displacement are in opposite directions</div></div>
Q.75	Who founded the Arya Samaj in 1875 to reform Hinduism?
Ans	<div><div><input type="checkbox"/></div><div>A. Swami Vivekananda</div></div> <div><div><input type="checkbox"/></div><div>B. Raja Ram Mohan Roy</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Swami Dayanand Saraswati</div></div> <div><div><input type="checkbox"/></div><div>D. Keshab Chandra Sen</div></div>
Q.76	What should come in place of the question mark (?) in the given series? 381 330 279 228 ?
Ans	<div><div><input type="checkbox"/></div><div>A. 141</div></div> <div><div><input type="checkbox"/></div><div>B. 153</div></div> <div><div><input type="checkbox"/></div><div>C. 162</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. 177</div></div>
Q.77	Given below are two statements. Select the correct answer from the options given for these statements. Statement I: Metals low in the activity series can be obtained from their oxides without using any reducing agent. Statement II: Heating alone is enough to reduce the oxides of these metals to pure metal.
Ans	<div><div><input type="checkbox"/></div><div>A. Statement I is false, but Statement II is true.</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Both statements are true.</div></div> <div><div><input type="checkbox"/></div><div>C. Statement I is true, but Statement II is false.</div></div> <div><div><input type="checkbox"/></div><div>D. Both statements are false.</div></div>

Q.78

Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster 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. JFAW

✓

B. PLKC

✗

C. LHCY

✗

D. MIDZ

Q.79

Refer to the following letter and symbol series and answer the question that follows.
Counting to be done from left to right only.
(Left) N T © Z © * U £ H W S * V C * O © W # € E K (Right)
How many such symbols are there each of which is immediately preceded by a letter and also immediately followed by a symbol?

Ans

✓

A. 2

✗

B. 1

✗

C. 3

✗

D. 4

Q.80

In a certain code language, 'SOFT' is coded as '8379' and 'FAST' is coded as '1397'. What is the code for 'A' in the given code language?

Ans

✓

A. 1

✗

B. 3

✗

C. 7

✗

D. 8

Q.81

Which of the following countries does NOT share a border with India?

Ans

✗

A. China

✗

B. Afghanistan

✓

C. Malaysia

✗

D. Pakistan

Q.82

What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

92 + 39 – 59 = ?

Ans

✗

A. 120

✗

B. 142

✗

C. 102

✓

D. 112

Q.83

What is the median of the following distribution?

Class	100-150	150-200	200-250	250-300	300-350
Frequency	40	23	10	39	34

Ans

✗

A. 247

✗

B. 254

✗

C. 243

✓

D. 250

Q.84 Birsa Munda’s movement (1890s) is remembered for which of the following?

- Ans
- ☐ A. Organising a war against Portuguese missionaries
 - ☐ B. Leading the Paika rebellion in Odisha
 - ☒ C. Establishing tribal self-rule against British interference
 - ☐ D. Opposing indigo planters in Bengal

Q.85 What is the role of meiosis in sexual reproduction?

- Ans
- ☒ A. It reduces chromosome number by half in germ cells.
 - ☐ B. It doubles the DNA content.
 - ☐ C. It eliminates harmful variations from DNA.
 - ☐ D. It multiplies the number of chromosomes.

Q.86 What will come in place of the question mark (?) in the following equation if ‘+’ and ‘-’ are interchanged and ‘x’ and ‘÷’ are interchanged?

42 + 13 – 26 = ?

- Ans
- ☐ A. 48
 - ☐ B. 29
 - ☒ C. 55
 - ☐ D. 38

Q.87 For which of the following major reasons was Chandigarh created as a Union Territory?

- Ans
- ☐ A. Cultural distinctiveness
 - ☒ B. Political and administrative consideration
 - ☐ C. Strategic importance
 - ☐ D. Care of the backwards and tribal people

Q.88 Find the third proportional to 8 and 12.

- Ans
- ☒ A. 18
 - ☐ B. 22
 - ☐ C. 20
 - ☐ D. 16

Q.89 Which of the following is the difference between fiscal policy and monetary policy?

- Ans
- ☐ A. Fiscal policy and monetary policy are interchangeable terms.
 - ☐ B. Fiscal policy involves control of the money supply, while monetary policy involves government spending decisions.
 - ☐ C. Fiscal policy is conducted by central banks, while monetary policy is carried out by the government.
 - ☒ D. Fiscal policy involves government's use of taxation and spending, while monetary policy involves central banks' control of interest rates and money supply.

Q.90 Which of the following statements about Thomson’s model are correct?

- i. Atoms consist of a positively charged sphere.
- ii. Electrons are randomly moving outside the sphere.
- iii. The number of positive and negative charges is equal.
- iv. The atom is overall neutral.

- Ans
- ☐ A. (i), (ii) and (iii) only
 - ☐ B. (ii) and (iii) only
 - ☒ C. (i), (iii) and (iv) only
 - ☐ D. (i), (ii), (iii) and (iv)

Q.91 Fluorine has 7 electrons in its outermost shell. Its valency is:

- Ans
- ☐ A. 8, because it follows the octet rule
 - ☐ B. 7, because it has 7 electrons
 - ☐ C. 0, because it is a non-metal
 - ☒ D. 1, because it gains 1 electron to complete an octet

Q.92 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

COB21 L XK36 UGT51 DPC66 ?

- Ans
- ☐ A. NYL81
 - ☐ B. MLL81
 - ☐ C. NHL81
 - ☒ D. MYL81

Q.93 What is the value of the force exerted by the Earth on a satellite, if the mass of the Earth is 6×10^{24} kg and the mass of the satellite is 400 kg. The satellite is orbiting the Earth at a distance of 400 km from its surface. The radius of the Earth is 6400 km and $G = 6.67 \times 10^{-11} \text{ N m}^2/\text{kg}^2$.

- Ans
- ☐ A. 4800 N
 - ☐ B. 21.9×10^4 N
 - ☒ C. 3461 N
 - ☐ D. 384 N

Q.94 A person with eye defect of _____ cannot see nearby objects distinctly, which is corrected using a _____ lens of suitable power.

- Ans
- ☒ A. hypermetropia; convex
 - ☐ B. myopia; convex
 - ☐ C. hypermetropia; concave
 - ☐ D. myopia; concave

Q.95 18 bags and 3 pens together cost ₹1,164, whereas 14 bags and 2 pens together cost ₹922. The cost of 9 bags exceeds the cost of 2 pens by:

- Ans
- ☐ A. ₹762
 - ☒ B. ₹757
 - ☐ C. ₹754
 - ☐ D. ₹755

Q.96 With six medals won, India ranked at which position globally at the 66th International Mathematical Olympiad (IMO) 2025, held in Australia?

- Ans
- ☐ A. Third
 - ☒ B. Seventh
 - ☐ C. Tenth
 - ☐ D. Fifth

Q.97 Which of the following Acts provided for the establishment of an All-India Federation consisting of provinces and princely states as units?

- Ans
- ☐ A. Indian Independence Act of 1947
 - ☐ B. Government of India Act of 1919
 - ☒ C. Government of India Act of 1935
 - ☐ D. Indian Councils Act of 1909

Q.98 A number is increased by 10% and then decreased by 10%. It is again increased by 10%. What is the net increase or decrease per cent?

- Ans
- ☐

A. 9.9% decrease
- ☐

B. 9.9% increase
- ☐

C. 8.9% decrease
- ☒

D. 8.9% increase

Q.99 A, B, C, D, P, Q and R are sitting around a circular table facing the centre of the table. P sits third to the left of R. A sits second to the left of C. Only R sits between D and A. Q is not an immediate neighbour of P. How many people sit between B and A when counted from the right of B?

- Ans
- ☒

A. Two
- ☐

B. One
- ☐

C. Four
- ☐

D. Three

Q.100 Which among the following strategies is essential for reducing unemployment, in the context of economic growth?

- Ans
- ☐

A. Reducing foreign trade agreements
- ☐

B. Increasing reliance on traditional craftsmanship
- ☐

C. Focusing on agricultural expansion exclusively
- ☒

D. Promoting entrepreneurship and small enterprises

