



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



Test Date	10/09/2025
Test Time	9:00 AM - 10:30 AM
Subject	ALL POST GRADUATE TEACHERS PGTs and TRAINED GRADUATE TEACHERS TGTs

\* 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	The _____ is an educational approach that is based on principles from Piaget's developmental psychology and Vygotsky's zone of proximal learning principles.
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Steiner Method</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Waldorf Method</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Montessori Method</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Reggio Emilia Method</div></div>
Q.2	Which of the following is an example of intrinsic motivation?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Learning to play a game because it is enjoyable</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Studying to get good grades in the exam</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Completing chores to avoid punishment</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Working to earn money</div></div>
Q.3	What is a key feature of Teacher-Controlled Instruction (TCI)?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Learning is unstructured and flexible.</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Students set their own learning goals.</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Students learn through self-discovery.</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Teacher directs the learning process strictly.</div></div>
Q.4	Which type of discipline encourages students to follow rules because they understand their value?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Democratic discipline</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Military discipline</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Autocratic discipline</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Punitive discipline</div></div>

**Q.5** Arrange the process of curriculum development chronologically.

- 1. Assessment of educational needs
- 2. Formulation of objectives
- 3. Selection and organisation of content
- 4. Evaluation

**Ans** ☒ A. 2-1-3-4  
☒ B. 1-2-3-4  
☒ C. 3-1-2-4  
☒ D. 1-4-2-3

**Q.6** Which of the following is a common criticism of Teacher-Controlled Instruction (TCI) in modern educational theory?

**Ans** ☒ A. It encourages unstructured learning environments.  
☒ B. It fosters too much student autonomy and freedom.  
☒ C. It is ineffective for teaching basic skills.  
☒ D. It limits student creativity and critical thinking.

**Q.7** One of the analyses of teaching describes the whole process as comprising \_\_\_\_\_ stages.

**Ans** ☒ A. Interactive, Post-active  
☒ B. Pre-active , Post-active  
☒ C. Pre-active, Interactive  
☒ D. Pre-active ,Interactive ,Post-active

**Q.8** Which Western philosopher believed education should aim at cultivating reason to perceive eternal truths?

**Ans** ☒ A. Rousseau  
☒ B. Herbert Spencer  
☒ C. Plato  
☒ D. John Dewey

**Q.9** Which of the following is NOT included in the Convention on Rights of Child,1989?

**Ans** ☒ A. Right to survival  
☒ B. Right to education  
☒ C. Right to protection  
☒ D. Right to development

**Q.10** In educational psychology, which approach focuses on understanding learning by studying observable behaviours rather than internal mental processes?

**Ans** ☒ A. Constructivist approach  
☒ B. Cognitive approach  
☒ C. Behavioural approach  
☒ D. Humanistic approach

**Q.11** \_\_\_\_\_ involves a change in the focal person's behaviour that matches or copies others' behaviour.

**Ans** ☒ A. Impression  
☒ B. Imitation  
☒ C. Social influence  
☒ D. Obedience

**Q.12** Group-Controlled Instruction can be broadly divided into which two types?

- Ans
- ☐ A. Lecture-based sessions and demonstrations
  - ☐ B. Individual assignments and group tasks
  - ☒ C. Group interactive sessions and activities involving team work
  - ☐ D. Teacher-controlled and learner-controlled sessions

**Q.13** Which Article of the Indian Constitution directs the State to promote the educational and economic interests of weaker sections, particularly Scheduled Castes and Scheduled Tribes, and provide them social justice?

- Ans
- ☐ A. Article 19
  - ☐ B. Article 15
  - ☐ C. Article 21
  - ☒ D. Article 46

**Q.14** What distinguishes Open Educational Resources (OERs) from other learning materials?

- Ans
- ☐ A. They cannot be shared or modified.
  - ☐ B. They are only available in print.
  - ☒ C. They have an open license and can be adapted, modified and reused.
  - ☐ D. They require special software to access.

**Q.15** When technological or material dimensions of culture change rapidly but the non-material aspects (values, norms) are behind, it is called:

- Ans
- ☐ A. Cultural Diffusion
  - ☐ B. Cultural Integration
  - ☒ C. Cultural Lag
  - ☐ D. Cultural Assimilation

**Q.16** Which type of freedom in education allows students to express their opinions without fear?

- Ans
- ☒ A. Academic freedom
  - ☐ B. Political freedom
  - ☐ C. Social freedom
  - ☐ D. Economic freedom

**Q.17** Which aspect of Indian cultural heritage is most reflected in the concept of 'Guru-Shishya Parampara'?

- Ans
- ☐ A. Technological advancement
  - ☐ B. Standardised curriculum
  - ☐ C. Competitive learning environment
  - ☒ D. Personalised moral and spiritual guidance

**Q.18** Which of the following is NOT an application of psychological principles in education?

- Ans
- ☐ A. Preparing curriculum
  - ☒ B. Segregating students into smart and weak
  - ☐ C. Methods of teaching
  - ☐ D. Dealing with problems of discipline

**Q.19** Which factor most influences the success of curriculum transaction in the classroom?

- Ans
- ☐ A. The textbook design
  - ☒ B. Teacher's instructional methods
  - ☐ C. School infrastructure
  - ☐ D. Government policies

**Q.20 Which is the first stage of intellectual development?**

- Ans
- ☒ A. Sensori-motor
  - ☐ B. Concrete operational
  - ☐ C. Formal operational
  - ☐ D. Pre-operational

**Q.21 Which theory focuses on the influence of the unconscious mind on behaviour and uses concepts like the id, ego, superego, and psychosexual stages of development?**

- Ans
- ☐ A. Cognitive Development Theory
  - ☐ B. Social Learning Theory
  - ☐ C. Humanistic Theory
  - ☒ D. Psychoanalytic Theory

**Q.22 Which goal of Indian society emphasizes equality of opportunity for all citizens through education?**

- Ans
- ☐ A. Democracy
  - ☐ B. National integration
  - ☒ C. Social justice
  - ☐ D. Secularism

**Q.23 Equality is:**

- Ans
- ☐ A. achieved automatically without effort
  - ☒ B. a moral command ensuring equal opportunity for every individual
  - ☐ C. an empirical generalisation about humans
  - ☐ D. based only on intelligence and aptitude

**Q.24 Which of the following is NOT related to the Learner-centered instructional system?**

- Ans
- ☐ A. Programmed learning
  - ☒ B. Passive learning
  - ☐ C. Flexi-study
  - ☐ D. Distance learning

**Q.25 Which is the relationship between test anxiety and need for achievement according to Lens?**

- Ans
- ☐ A. W-shaped
  - ☒ B. Inverted U-shaped
  - ☐ C. V-shaped
  - ☐ D. L-shaped

**Q.26 Education teaches the path, while religion tells us:**

- Ans
- ☐ A. how to earn wealth
  - ☐ B. how to follow government rules
  - ☒ C. why we are born and how to attain everlasting peace
  - ☐ D. how to excel in competitive exams

**Q.27 According to Maslow's hierarchy of needs, which need must be fulfilled before a student can focus on learning motivation?**

- Ans
- ☐ A. Esteem needs
  - ☒ B. Physiological needs
  - ☐ C. Self-actualisation
  - ☐ D. Safety and security

**Q.28 Which activity best strengthens the relationship between school and community?**

- Ans
- ☐ A. Classroom tests
  - ☐ B. Silent reading sessions
  - ☒ C. Parent-teacher meetings
  - ☐ D. Homework assignments

**Q.29 Children develop cognitive skills, logical thinking, and an understanding of complex relationships at \_\_\_\_\_ stage.**

- Ans
- ☒ A. Middle Childhood (7-11 years)
  - ☐ B. Adolescence (12-18 years)
  - ☐ C. Early Childhood (3-6 years)
  - ☐ D. Adulthood (18 years above)

**Q.30 Which of the following is NOT a component of Indian culture related to education?**

- Ans
- ☐ A. Religion
  - ☐ B. Language and Literature
  - ☐ C. Values
  - ☒ D. Environment
- Join Telegram Railway News Room

**Q.31 Which Western thinker advocated that education should be based on learning through experience?**

- Ans
- ☐ A. Herbert Spencer
  - ☐ B. Plato
  - ☐ C. Jean-Jacques Rousseau
  - ☒ D. John Dewey

**Q.32 Gestalt psychology, a school of psychology, was founded in \_\_\_\_\_ around 1912 by Max Wertheimer.**

- Ans
- ☒ A. Germany
  - ☐ B. Russia
  - ☐ C. Italy
  - ☐ D. Denmark

**Q.33 In the context of education and culture, the term cultural lag refers to:**

- Ans
- ☐ A. When students take longer to understand new subjects in school classrooms
  - ☐ B. When literacy and education levels differ significantly between regions
  - ☒ C. When material culture advances faster than changes in society's values and norms
  - ☐ D. When teachers resist implementing new teaching methods in schools

**Q.34 Which of the following best describes how psychology supports education?**

- Ans
- ☐ A. By developing curriculum content for schools
  - ☐ B. By enforcing discipline policies
  - ☐ C. By supervising school administrative tasks
  - ☒ D. By explaining learning theories that inform teaching methods

**Q.35 The Universal Declaration of Human Rights, which mentions the right to education, was adopted in:**

- Ans
- ☐ A. 1951
  - ☐ B. 1960
  - ☐ C. 1966
  - ☒ D. 1948

**Q.36** Who proposed the theory of Animism and considered it as the oldest form of religion that existed?

- Ans**
- ☒ A. Edward Tylor
  - ☐ B. Turner
  - ☐ C. Emile Durkheim
  - ☐ D. Max Muller

**Q.37** Who established the Rishi Valley Education Centre in 1928 in Andhra Pradesh?

- Ans**
- ☒ A. Jiddu Krishnamurti
  - ☐ B. Rabindranath Tagore
  - ☐ C. Mohandas Karamchand Gandhi
  - ☐ D. Sri Aurobindo

**Q.38** Which of the following is the publication of Jean Jacques Rousseau?

- Ans**
- ☐ A. Pedagogy of the oppressed
  - ☒ B. Social Contract
  - ☐ C. Savage inequalities
  - ☐ D. Mindset: The New Psychology of Success

**Q.39** Education should promote national consciousness by:

- Ans**
- ☐ A. focusing only on mathematics and science
  - ☒ B. developing pride in being an Indian and appreciation of cultural heritage
  - ☐ C. encouraging narrow-mindedness and parochialism
  - ☐ D. limiting international exposure

**Q.40** Which statement best describes the relationship between culture and education?

- Ans**
- ☐ A. Culture depends only on technology
  - ☐ B. Education creates culture overnight
  - ☒ C. Education transmits and preserves culture
  - ☐ D. Culture and education are unrelated

**Q.41** Which method enables a teacher to teach even large classes and cover larger content during a given period in comparison to other methods?

- Ans**
- ☐ A. Team teaching
  - ☐ B. Activity-based Instruction
  - ☐ C. Demonstration method
  - ☒ D. Lecture method

**Q.42** What does 'Educational Psychology is a positive science' mean?

- Ans**
- ☐ A. It ignores observable facts.
  - ☒ B. It studies children's behaviour as it actually is, not as it ought to be.
  - ☐ C. It focuses only on ethics and moral conduct.
  - ☐ D. It prescribes how children ought to behave.

**Q.43** John Locke says that the child's mind is a 'Tabula Rasa,' a \_\_\_\_\_ term meaning 'clean slate.'

- Ans**
- ☐ A. Italian
  - ☒ B. Latin
  - ☐ C. Sanskrit
  - ☐ D. French

**Q.44** The feeling of social and national integration can be best developed through:

- Ans**
- ☐ A. Economic Policies
  - ☐ B. Political Debates
  - ☐ C. Military Training
  - ☒ D. Education

**Q.45** What is the primary benefit of planning instruction for both teachers and students?

- Ans**
- ☐ A. It reduces the role of the teacher.
  - ☐ B. It increases the content to be taught.
  - ☐ C. It eliminates the need for learning objectives.
  - ☒ D. It gives a sense of direction and clarity of goals.

**Q.46** The word ‘Psychology’ is derived from two \_\_\_\_\_ words, ‘Psyche’ and ‘Logos’.

- Ans**
- ☐ A. French
  - ☒ B. Greek
  - ☐ C. Latin
  - ☐ D. German

**Q.47** Which category of exceptional children includes difficulties in social interaction and communication?

- Ans**
- ☐ A. Emotional and behavioural disorders
  - ☐ B. Gifted children
  - ☒ C. Autism
  - ☐ D. Learning disabilities

**Q.48** Which of the following curriculum development models is characterised by a systematic, linear process involving analysis, design, development, implementation, and evaluation?

- Ans**
- ☒ A. Tyler's Rational Model
  - ☐ B. Wheeler's Circular Model
  - ☐ C. Walker's Context, Input, Process, Product Model
  - ☐ D. Taba's Grassroots Model

**Q.49** Which school of philosophy in education emphasises the development of the mind through the study of enduring ideas and great works of literature?

- Ans**
- ☐ A. Pragmatism
  - ☒ B. Perennialism
  - ☐ C. Progressivism
  - ☐ D. Essentialism

**Q.50** What refers to identifying various concepts and propositions in a given content and structuring and sequencing them for the purpose of teaching and learning?

- Ans**
- ☐ A. Diagnosis
  - ☒ B. Content analysis
  - ☐ C. Monitoring
  - ☐ D. Evaluation

Q.51	Which of the following is the relationship between liberalisation and globalisation?
Ans	<div><div><input checked="" type="checkbox"/></div>A. Liberalisation promotes economic openness, while globalisation involves the integration of economies on a global scale.</div> <div><div><input checked="" type="checkbox"/></div>B. Globalisation restricts trade, while liberalisation expands it.</div> <div><div><input checked="" type="checkbox"/></div>C. Liberalisation and globalisation mean the same thing.</div> <div><div><input checked="" type="checkbox"/></div>D. They are unrelated concepts.</div>
Q.52	If 12 metres of clothe costs ₹480, how much will 18 metres of the same clothe cost?
Ans	<div><div><input checked="" type="checkbox"/></div>A. ₹800</div> <div><div><input checked="" type="checkbox"/></div>B. ₹760</div> <div><div><input checked="" type="checkbox"/></div>C. ₹720</div> <div><div><input checked="" type="checkbox"/></div>D. ₹680</div>
Q.53	<p>This question is based on the following words.</p> <p>(Left) NEW OLD FEW MAY (Right)</p> <p>If 'G' is added before each word, which of these words will form meaningful English word(s)?</p>
Ans	<div><div><input checked="" type="checkbox"/></div>A. Both FEW and MAY</div> <div><div><input checked="" type="checkbox"/></div>B. Only OLD</div> <div><div><input checked="" type="checkbox"/></div>C. Only FEW</div> <div><div><input checked="" type="checkbox"/></div>D. Both NEW and OLD</div>
Q.54	Anaerobic respiration in yeast converts pyruvate into:
Ans	<div><div><input checked="" type="checkbox"/></div>A. ethanol and carbon dioxide</div> <div><div><input checked="" type="checkbox"/></div>B. methane and oxygen</div> <div><div><input checked="" type="checkbox"/></div>C. acetic acid and water</div> <div><div><input checked="" type="checkbox"/></div>D. glucose and nitrogen</div>
Q.55	Why can we see the Sun a few minutes before it rises and a few minutes after it sets?
Ans	<div><div><input checked="" type="checkbox"/></div>A. Because the Earth's rotation slows down during sunrise and sunset</div> <div><div><input checked="" type="checkbox"/></div>B. Because the Sun moves slowly below the horizon</div> <div><div><input checked="" type="checkbox"/></div>C. Because sunlight gets reflected by clouds</div> <div><div><input checked="" type="checkbox"/></div>D. Because of atmospheric refraction</div>
Q.56	<p>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.</p> <p><b>Statements:</b></p> <p>All hens are drivers. All fruits are drivers.</p> <p><b>Conclusions:</b></p> <p>(I) Some hens are fruits. (II) Some drivers are fruits.</p>
Ans	<div><div><input checked="" type="checkbox"/></div>A. Only conclusion (II) follows.</div> <div><div><input checked="" type="checkbox"/></div>B. Only conclusion (I) follows.</div> <div><div><input checked="" type="checkbox"/></div>C. Both conclusions (I) and (II) follow.</div> <div><div><input checked="" type="checkbox"/></div>D. Neither conclusion (I) nor (II) follows.</div>



Q.57 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.  
TPO–SON  
DZY–CYX

- Ans
- ☒ A. YTR–XTS
  - ☒ B. YTR–WSR
  - ☒ C. YUT–XTS
  - ☒ D. YUT–WTR

Q.58 In a certain code language, ‘SLIT’ is coded as ‘3872’ and ‘LAST’ is coded as ‘7083’. What is the code for ‘A’ in the given code language?

- Ans
- ☒ A. 7
  - ☒ B. 0
  - ☒ C. 2
  - ☒ D. 3

Q.59 Select the option that is true regarding the following two statements labelled Assertion (A) and Reason (R).

**Assertion (A):** A rubber band is a solid because it regains its original shape when the stretching force is removed.

**Reason (R):** Solids are rigid and have negligible compressibility.

- Ans
- ☒ A. Both A and R are true, and R is the correct explanation of A.
  - ☒ B. A is true, but R is false.
  - ☒ C. A is false, but R is true.
  - ☒ D. Both A and R are true, but R is not the correct explanation of A.

Q.60 In a certain code language, ‘angle skill add’ is coded as ‘ep ba zl’ and ‘snake cow angle’ is coded as ‘ba eu cp’. How is ‘angle’ coded in the given language? (All codes are two-letter codes.)

- Ans
- ☒ A. ba
  - ☒ B. eu
  - ☒ C. zl
  - ☒ D. ep

Q.61 Which of the following processes in the nitrogen cycle converts atmospheric nitrogen ( $N_2$ ) into usable forms like ammonia ( $NH_3$ )?

- Ans
- ☒ A. Nitrogen fixation
  - ☒ B. Denitrification
  - ☒ C. Ammonification
  - ☒ D. Nitrification

Q.62 In August 2025, which state launched the Naipunyam Skill Connect portal to help unemployed youth and skilled professionals access training and job opportunities?

- Ans
- ☒ A. Kerala
  - ☒ B. Karnataka
  - ☒ C. Telangana
  - ☒ D. Andhra Pradesh

Q.63 Which of the following rivers flows through the Great Indian Desert?

- Ans
- ☒ A. Luni
  - ☒ B. Ganga
  - ☒ C. Narmada
  - ☒ D. Yamuna

Q.64	A sum of money is borrowed from a bank at 5% per annum compound interest, computed annually. If the difference between the interest of the third year and that of the first year is ₹28.70, then how much money was borrowed from the bank?
Ans	<div><div><div>✓</div><div>A. ₹5,600</div></div><div><div>✗</div><div>B. ₹8,610</div></div><div><div>✗</div><div>C. ₹4,800</div></div><div><div>✗</div><div>D. ₹5,740</div></div></div>
Q.65	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	<div><div><div>✗</div><div>A. AW-SO</div></div><div><div>✗</div><div>B. WS-OK</div></div><div><div>✗</div><div>C. JF-BX</div></div><div><div>✓</div><div>D. IE-ZY</div></div></div>
Q.66	Which of the following Amendments has introduced a new Part IXA in the Indian Constitution, which deals with Municipalities in Articles 243P to 243ZG?
Ans	<div><div><div>✓</div><div>A. 74<sup>th</sup> Amendment 1992</div></div><div><div>✗</div><div>B. 91<sup>st</sup> Amendment 2003</div></div><div><div>✗</div><div>C. 86<sup>th</sup> Amendment 2002</div></div><div><div>✗</div><div>D. 73<sup>rd</sup> Amendment 1992</div></div></div>
Q.67	The perimeter of the triangle is 24 cm and if the sides of the triangles are represented by prime numbers then the half of the area of triangle (in cm <sup>2</sup> ) is:
Ans	<div><div><div>✓</div><div>A. <math>\sqrt{30}</math></div></div><div><div>✗</div><div>B. <math>3\sqrt{30}</math></div></div><div><div>✗</div><div>C. <math>4\sqrt{30}</math></div></div><div><div>✗</div><div>D. <math>2\sqrt{30}</math></div></div></div>
Q.68	What should come in place of the question mark (?) in the given series?  73 97 115 ? 157 181 199
Ans	<div><div><div>✓</div><div>A. 139</div></div><div><div>✗</div><div>B. 127</div></div><div><div>✗</div><div>C. 132</div></div><div><div>✗</div><div>D. 120</div></div></div>
Q.69	Find the value of  $4 \text{ of } 6 \div 3 \times 2 \frac{1}{4} + 5 \times 6 \div 15 - 3 \text{ of } 2 \times 4 \text{ of } 8 \div 32$
Ans	<div><div><div>✗</div><div>A. 22</div></div><div><div>✗</div><div>B. 25</div></div><div><div>✗</div><div>C. 18</div></div><div><div>✓</div><div>D. 14</div></div></div>

**Q.70** Which of the following statements about food webs is/are correct?  
1. Food webs consist of several interconnected food chains.  
2. Each organism is eaten by only one other organism.  
3. Food webs represent more realistic feeding relationships than food chains.

- Ans** ☒ A. Only 1 and 2  
☒ B. Only 1 and 3  
☒ C. 1, 2 and 3  
☒ D. Only 2 and 3

**Q.71** A, B, C, D, P, Q, and R are sitting around a circular table facing the centre of the table. Only two persons sit between P and Q when counted from the left of Q. D sits third to the right of A. B sits third to the left of C. D sits to the immediate right of B. R is not an immediate neighbor of B. How many people sit between R and Q, when counted from the right of R?

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

**Q.72** Which of the following was NOT a cause of the First War of Independence in 1857?

- Ans** ☒ A. Grant of complete independence to princely states  
☒ B. Discontent among sepoys due to discrimination in service conditions  
☒ C. Annexation of Indian states under the Doctrine of Lapse  
☒ D. Introduction of the Enfield rifle cartridges greased with cow and pig fat

**Q.73** The marked price of a table is ₹850, and the selling price is ₹748. Find the discount percentage on the table.

- Ans** ☒ A. 14%  
☒ B. 9%  
☒ C. 12%  
☒ D. 10%

**Q.74** The first indigenously designed and constructed Diving Support Vessel for the Indian Navy, INS Nistar, was commissioned at which place in July 2025?

- Ans** ☒ A. Visakhapatnam  
☒ B. Chennai  
☒ C. Goa  
☒ D. Mumbai

**Q.75** Priyanka covers 800 m distance in 6 minutes. Her speed in km/hr is:

- Ans** ☒ A. 6 km/hr  
☒ B. 8 km/hr  
☒ C. 4 km/hr  
☒ D. 5 km/hr

**Q.76** CLAW is related to GOWT in a certain way based on the English alphabetical order. In the same way, KRSQ is related to OUON. To which of the given options is SXKK related, following the same logic?

- Ans** ☒ A. XAFI  
☒ B. VBHG  
☒ C. VZFG  
☒ D. WAGH

**Q.77** The Persons of Indian Origin (PIO) card scheme was first introduced by the Indian government in \_\_\_\_\_.

- Ans**
- ☐ A. 1997
  - ☐ B. 1996
  - ☒ C. 1999
  - ☐ D. 1988

**Q.78** Which pair of salts is most likely to show NO change in either red or blue litmus paper?

- Ans**
- ☐ A.  $\text{CuSO}_4$  and  $\text{AlCl}_3$
  - ☐ B.  $\text{Na}_2\text{CO}_3$  and  $\text{NaHCO}_3$
  - ☒ C.  $\text{NaCl}$  and  $\text{KNO}_3$
  - ☐ D.  $\text{NaCl}$  and  $\text{Na}_2\text{CO}_3$

**Q.79** The cost of 2 pens and 5 notebooks is ₹187. The cost of 8 notebooks exceeds the cost of 4 pens by ₹40. What is the cost of 8 pens and 7 notebooks?

- Ans**
- ☐ A. ₹445
  - ☐ B. ₹454
  - ☐ C. ₹446
  - ☒ D. ₹449

**Q.80** Why is the cell membrane called an 'active' part of the cell?

- Ans**
- ☐ A. It stores nutrients for the cell.
  - ☒ B. It controls the entry and exit of substances essential for proper functioning of the cell.
  - ☐ C. It produces enzymes for digestion.
  - ☐ D. It provides structural support to the nucleus.

**Q.81** 12 machines working 8 hours a day can produce 960 units in 10 days. After 4 days, 3 machines break down, and the remaining machines work 10 hours a day with 15% reduced efficiency. How many additional days are needed to complete the production?

- Ans**
- ☒ A.  $7\frac{9}{17}$  days
  - ☐ B.  $7\frac{11}{17}$  days
  - ☐ C.  $7\frac{7}{17}$  days
  - ☐ D. 7 days

**Q.82** The Constitution of India does NOT provide the power of superintendence, direction and control of which of the following elections to the Election Commission of India?

- Ans**
- ☐ A. Elections to parliament
  - ☒ B. Elections to panchayats and municipalities in the states
  - ☐ C. Elections to the office of the President of India
  - ☐ D. Elections to state legislatures

**Q.83** A patient loses sensation in a body part due to damage in signal-conducting tissue. Which of the following tissues is affected?

- Ans**
- ☐ A. Muscular
  - ☒ B. Nervous
  - ☐ C. Epithelial
  - ☐ D. Connective

Q.84 The Civil Disobedience Movement (1930) began with which significant event?

- Ans
- ☒ A. Simon Commission boycott
  - ☒ B. Gandhi's call for the Quit India Movement
  - ☒ C. Dandi March to break the salt law
  - ☒ D. Poona Pact between Gandhi and Ambedkar

Q.85 C-FLOOD, a web-based platform launched in July 2025 by C-DAC Pune and CWC, provides flood inundation forecasts up to village level for how many days in advance?

- Ans
- ☒ A. 02 days
  - ☒ B. 10 days
  - ☒ C. 04 days
  - ☒ D. 07 days

Q.86 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ATH FYM KDR PIW ?

- Ans
- ☒ A. UNH
  - ☒ B. IBU
  - ☒ C. UNB
  - ☒ D. UBN

Q.87 What is the mean of the following distribution?

Marks	14	30	44	61	98
No. of Students	49	21	75	39	99

- Ans
- ☒ A. 66
  - ☒ B. 65
  - ☒ C. 59
  - ☒ D. 49

Q.88 Which Indian javelin thrower won a gold medal in the women's javelin throw at the International Wiesław Maniak Memorial tournament held in Poland in August 2025?

- Ans
- ☒ A. Annu Rani
  - ☒ B. Karishma Sanil
  - ☒ C. Deepika
  - ☒ D. Shilpa Rani

Q.89 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) A Z I O J H I S S B M U J A W K M Z N B G (Right)

How many such vowels are there each of which is immediately preceded by a consonant and also immediately followed by a consonant?

- Ans
- ☒ A. Three
  - ☒ B. One
  - ☒ C. None
  - ☒ D. Two

Q.90	What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?  $14 \div 2 + 12 \times 4 - 5 = ?$
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. 40</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. 30</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. 28</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. 25</div></div>
Q.91	In classical economics, which of the following factors ensures full employment in the labour market?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Government job programmes</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. The fixed employment contracts</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. The natural rate of unemployment</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. The flexibility of wages and prices</div></div>
Q.92	Which of the following is the oldest mountain range in India?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. Satpura Range</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Vindhya Range</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Aravalli Range</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Himalayas</div></div>
Q.93	<i>Simplify :</i> $9^2 + 4^2 + \sqrt{36}$
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. 107</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. 103</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. 100</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. 109</div></div>
Q.94	Which of the following best describes an object in uniform motion?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. It covers equal distances in equal intervals of time.</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. It covers unequal distances in equal intervals of time.</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. It remains completely at rest.</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. It changes direction frequently.</div></div>
Q.95	This question is based on the following words. OPE HER KID SKY In each of the words, each vowel 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. In how many letter-clusters thus formed, will no vowel appear?
Ans	<div><div><input checked="" type="checkbox"/></div><div>A. One</div></div> <div><div><input checked="" type="checkbox"/></div><div>B. Three</div></div> <div><div><input checked="" type="checkbox"/></div><div>C. Four</div></div> <div><div><input checked="" type="checkbox"/></div><div>D. Two</div></div>

Q.96 Which electronic component is represented by the symbol shown in the image?



- Ans
- ☐ A. Switch
  - ☒ B. Rheostat
  - ☐ C. Battery
  - ☐ D. Resistor

Q.97 Match the following:

Column - I (Orbit or shell)	Column - II (Maximum number of electrons)
A. L-Shell	I. 18
B. M-Shell	II. 32
C. N-Shell	III. 8

- Ans
- ☒ A. A - III, B - I, C - II
  - ☐ B. A - III, B - II, C - I
  - ☐ C. A - I, B - II, C - III
  - ☐ D. A - II, B - I, C - III

Q.98 Who was the first Indian woman to win a Grand Slam title in tennis?

- Ans
- ☐ A. Ankita Raina
  - ☒ B. Sania Mirza
  - ☐ C. Nirupama Vaidyanathan
  - ☐ D. Rutuja Bhosale

Q.99 Seven boxes E, F, G, H, S, T and U are kept one over the other but not necessarily in the same order. No box is kept above E. Only three boxes are kept between E and U. Only one box is kept between G and H. H is kept immediately above U. Only four boxes are kept between G and F. T is kept at some place above S. Which box is kept second below T?

- Ans
- ☐ A. S
  - ☐ B. H
  - ☐ C. F
  - ☒ D. U

Q.100 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$21 \times 3 + 4 \div 2 - 10 = ?$

- Ans
- ☐ A. 15
  - ☐ B. 6
  - ☐ C. 21
  - ☒ D. 9