



MOCK TEST

RRB NTPC CBT-1 Mock Test – 04

Name:

Date :

Total Questions: 100

Total Marks: 100

Duration: 90 Minutes

Negative Marking: 1/3 Mark

Mode: Objective (MCQ)

Section Layout

Section I – Mathematics: Questions 1–30

Section II – General Intelligence & Reasoning : Questions 31–60

Section III – General Awareness : Questions 61–100

All the Best!

Amrit Academy

Cuttack, Odisha

Section I – MATCH : Q1–Q30

Number System

Q1. What is the remainder when 987 is divided by 11?

- (A) 6
- (B) 7
- (C) 8
- (D) 9

Q2. The LCM of 18, 24 and 30 is:

- (A) 180
- (B) 240
- (C) 360
- (D) 720

Simplification

Q3. $(36 \div 6) \times 5 + 8 = ?$

- (A) 36
- (B) 38
- (C) 40
- (D) 42

Q4. 125% of 240 =?

- (A) 280
- (B) 290
- (C) 300
- (D) 320

Percentage

Q5. A number is increased from 400 to 500. The percentage increase is:

- (A) 20%
- (B) 25%
- (C) 30%
- (D) 40%

Q6. In an examination, a student scores 360 marks out of 450. His percentage is:

- (A) 75%
- (B) 78%
- (C) 80%
- (D) 82%

Ratio & Proportion

Q7. The ratio of boys to girls in a class is 7 : 5. If there are 35 boys, the number of girls is:

- (A) 20
- (B) 25
- (C) 30
- (D) 35

Q8. Divide ₹720 in the ratio 2 : 3 : 4.

- (A) ₹160, ₹240, ₹320
- (B) ₹180, ₹240, ₹300
- (C) ₹200, ₹240, ₹280
- (D) ₹120, ₹240, ₹360

Average

Q9. The average of 18, 22, 26, 30 and 34 is:

- (A) 24
- (B) 25
- (C) 26
- (D) 27

Q10. The average age of 6 persons is 28 years. Total age is:

- (A) 156 years
- (B) 168 years
- (C) 174 years
- (D) 182 years

Profit & Loss

Q11. A shirt is bought for ₹800 and sold for ₹920. Profit percentage is:

- (A) 12%
- (B) 15%
- (C) 18%
- (D) 20%

Q12. A trader incurs a loss of 10% by selling an article for ₹450. Cost price is:

- (A) ₹480
- (B) ₹490
- (C) ₹500
- (D) ₹520

Simple Interest

Q13. Find the simple interest on ₹4,000 at 8% per annum for 3 years.

- (A) ₹920
- (B) ₹940
- (C) ₹960
- (D) ₹980

Compound Interest

Q14. Compound interest on ₹2,000 at 10% p.a. for 2 years is:

- (A) ₹400
- (B) ₹420
- (C) ₹440
- (D) ₹460

Time & Work

Q15. A can complete a work in 12 days. His one day's work is:

- (A) $\frac{1}{10}$
- (B) $\frac{1}{12}$
- (C) $\frac{1}{15}$
- (D) $\frac{1}{18}$

Q16. A completes a work in 15 days and B in 10 days. Together they complete it in:

- (A) 5 days
- (B) 6 days
- (C) 7 days
- (D) 8 days

Time, Speed & Distance

Q17. A train travels 240 km in 4 hours. Its speed is:

- (A) 50 km/h
- (B) 55 km/h
- (C) 60 km/h
- (D) 65 km/h

Q18. A car travels at 72 km/h. Distance covered in 30 minutes is:

- (A) 30 km
- (B) 36 km
- (C) 40 km
- (D) 42 km

Trains

Q19. A 180 m train crosses a pole in 12 seconds. Its speed is:

- (A) 12 m/s
- (B) 15 m/s
- (C) 18 m/s
- (D) 20 m/s

Q20. A train 150 m long crosses a platform 250 m long in 20 seconds. Speed is:

- (A) 18 m/s
- (B) 20 m/s
- (C) 22 m/s
- (D) 24 m/s

Ages

Q21. Present age of a father is 45 years and his son is 15 years. The ratio of their ages is:

- (A) 2 : 1
- (B) 3 : 1
- (C) 4 : 1
- (D) 5 : 1

Q22. Five years ago, Ravi was 20 years old. His present age is:

- (A) 23 years
- (B) 24 years
- (C) 25 years
- (D) 26 years

Mixture

Q23. A mixture contains milk and water in the ratio 4 : 1. If total mixture is 25 litres, milk is:

- (A) 18 litres
- (B) 20 litres
- (C) 22 litres
- (D) 24 litres

Mensuration

Q24. Area of a rectangle of length 18 cm and breadth 12 cm is:

- (A) 196 cm^2
- (B) 204 cm^2
- (C) 216 cm^2
- (D) 224 cm^2

Q25. Perimeter of a square of side 16 cm is:

- (A) 56 cm
- (B) 60 cm
- (C) 64 cm
- (D) 68 cm

Algebra

Q26. Solve: $3x + 7 = 25$

- (A) 5
- (B) 6
- (C) 7
- (D) 8

Q27. If $x = 4$, then $x^2 + 3x = ?$

- (A) 24
- (B) 26
- (C) 28
- (D) 30

Geometry

Q28. Sum of angles of a triangle is:

- (A) 90°
- (B) 180°
- (C) 270°
- (D) 360°

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Data Interpretation Q29. The number of students in four classes is 40, 50, 60 and 70. What is the average number of students? (A) 50 (B) 52.5 (C) 55 (D) 57.5	Q30. The sales (in units) of a shop during five days are 20, 25, 30, 35 and 40. Total sales are: (A) 130 (B) 140 (C) 150 (D) 160
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Section II – General Intelligence & Reasoning : Questions 31–60	
Analogy Q31. Island : Ocean :: Oasis : ? (A) River (B) Desert (C) Forest (D) Mountain Q32. Thermometer : Temperature :: Barometer : ? (A) Humidity (B) Wind speed (C) Atmospheric pressure (D) Rainfall Classification Q33. Find the odd one out. (A) 27 (B) 64 (C) 100 (D) 125 Q34. Find the odd one out. (A) Inch (B) Metre (C) Kilogram (D) Centimetre Number Series Q35. Find the next number: 7, 14, 28, 56, ? (A) 96 (B) 112 (C) 120 (D) 124	Q36. Find the missing number: 3, 8, 18, 38, 78, ? (A) 148 (B) 154 (C) 158 (D) 162 Alphabet Series Q37. Find the next term: A, D, H, M, S, ? (A) X (B) Y (C) Z (D) W Q38. Find the missing term: AZ, BY, CX, DW, ? (A) EU (B) EV (C) FU (D) FV Coding–Decoding Q39. In a certain code, TRAIN is written as WUDLQ. How will PLANE be written in that code? (A) SODQH (B) SODPH (C) RODQH (D) TPDQH Q40. If DELHI is coded as 73541 and HIDE is coded as 4137, what is the code for IDLE? (A) 1735 (B) 1375 (C) 1537 (D) 1753

Blood Relation

Q41. Pointing to a woman, Raj said, “She is the daughter of my mother’s only brother.” How is the woman related to Raj?

- (A) Sister
- (B) Aunt
- (C) Niece
- (D) Cousin

Q42. A is the brother of B. C is the mother of A. D is the father of C. How is D related to B?

- (A) Maternal grandfather
- (B) Paternal grandfather
- (C) Maternal uncle
- (D) Father

Direction Sense

Q43. Neha walks 12 m north, turns right and walks 5 m, then turns right and walks 12 m. How far and in which direction is she from the starting point?

- (A) 5 m east
- (B) 5 m west
- (C) 12 m east
- (D) 12 m south

Q44. A man is facing west. He turns 135° clockwise and then 45° anticlockwise. Which direction is he facing?

- (A) North
- (B) North-east
- (C) South
- (D) South-west

Ranking and Order

Q45. In a class, Rina ranks 17th from the top and 24th from the bottom. How many students are there in the class?

- (A) 39
- (B) 40
- (C) 41
- (D) 42

Q46. Five persons P, Q, R, S and T have different heights. P is taller than Q but shorter than R. S is shorter than Q but taller than T. Who is the tallest?

- (A) P
- (B) Q
- (C) R
- (D) S

Mathematical Operations

Q47. If + means $\times$, – means +, $\times$ means $\div$, and $\div$ means –, then:

$$18 - 6 + 3 \times 2 = ?$$

- (A) 21
- (B) 27
- (C) 30
- (D) 36

Q48. If A means +, B means –, C means $\times$, and D means $\div$, then:

$$24D6A5C2B3 = ?$$

- (A) 9
- (B) 10
- (C) 11
- (D) 12

Syllogism

Q49.

Statements:

All pens are stationery.
Some stationery items are costly.

Conclusions:

- I. Some pens are costly.
- II. All pens are stationery.
- (A) Only conclusion I follows
- (B) Only conclusion II follows
- (C) Both conclusions follow
- (D) Neither conclusion follows

Q50.

Statements:

Some doctors are writers.
All writers are educated.

Conclusions:

- I. Some doctors are educated.
- II. All educated persons are doctors.
- (A) Only conclusion I follows
- (B) Only conclusion II follows
- (C) Both conclusions follow
- (D) Neither conclusion follows

Statement–Conclusion

Q51.

Statement:

The city administration has prohibited heavy vehicles from entering the central market during peak hours.

Conclusions:

- I. Heavy vehicles contribute to traffic congestion in the central market.
II. No heavy vehicle can ever enter the central market.

- (A) Only conclusion I follows
(B) Only conclusion II follows
(C) Both conclusions follow
(D) Neither conclusion follows

Q52.

Statement:

The railway authorities have increased the number of ticket counters before a major festival.

Conclusions:

- I. A larger number of passengers is expected during the festival.
II. Every passenger will receive a confirmed ticket.
(A) Only conclusion I follows
(B) Only conclusion II follows
(C) Both conclusions follow
(D) Neither conclusion follows

Calendar

Q53. If 1 January of a non-leap year is Monday, what day will 1 March be?

- (A) Wednesday
(B) Thursday
(C) Friday
(D) Saturday

Clock

Q54. What is the smaller angle between the hour hand and minute hand of a clock at 3:30?

- (A) 60°
(B) 75°
(C) 90°
(D) 105°

Venn Relationship

Q55. Which option correctly represents the relationship among **Teachers, Women and Mothers**?

- (A) All teachers are mothers
(B) All mothers are teachers
(C) Mothers form a group within women, while some teachers may overlap with women and mothers
(D) Teachers, women and mothers are completely separate groups

Alphabet Position

Q56. If the letters of the word **RAILWAY** are arranged alphabetically, which letter will be fourth from the left?

- (A) I
(B) L
(C) R
(D) W

Paper Folding

Q57. A square sheet of paper is folded once vertically and then once horizontally. One hole is punched away from all folded edges. How many holes will appear when the sheet is completely unfolded?

- (A) 2
(B) 4
(C) 6
(D) 8

Cube and Dice

Q58. A cube has six faces marked A, B, C, D, E and F. A is opposite D, B is opposite E, and C is opposite F. Which face is opposite B?

- (A) A
(B) C
(C) D
(D) E

Embedded Pattern

Q59. Which geometrical figure is necessarily formed when both diagonals of a square are drawn?

- (A) Four triangles
(B) Two rectangles
(C) One pentagon
(D) Three circles

Counting Figures

Q60. A square is divided into four equal smaller squares by one vertical and one horizontal line through its centre. How many squares are present in total?

- (A) 4
(B) 5
(C) 6
(D) 8

Section III – General Awareness : Questions 61–100

History

Q61. The permanent settlement of Bengal was introduced during the tenure of:

- (A) Lord Wellesley
- (B) Lord Cornwallis
- (C) Lord Dalhousie
- (D) Lord Curzon

Q62. Who founded the Brahmo Samaj in 1828?

- (A) Raja Ram Mohan Roy
- (B) Swami Dayanand Saraswati
- (C) Ishwar Chandra Vidyasagar
- (D) Swami Vivekananda

Q63. The Fourth Buddhist Council was held during the reign of:

- (A) Ashoka
- (B) Harshavardhana
- (C) Kanishka
- (D) Chandragupta Maurya

Geography

Q64. Which Indian river flows through a rift valley?

- (A) Ganga
- (B) Godavari
- (C) Narmada
- (D) Yamuna

Q65. Black soil is considered most suitable for the cultivation of:

- (A) Cotton
- (B) Tea
- (C) Jute
- (D) Coffee

Q66. The Palk Strait separates India from:

- (A) Maldives
- (B) Sri Lanka
- (C) Indonesia
- (D) Myanmar

Indian Polity

Q67. Which Article of the Indian Constitution abolishes untouchability?

- (A) Article 14
- (B) Article 15
- (C) Article 17
- (D) Article 19

Q68. A Money Bill can be introduced only in the:

- (A) Rajya Sabha
- (B) Lok Sabha
- (C) Joint sitting of Parliament
- (D) State Legislative Council

Q69. Who presides over a joint sitting of the two Houses of Parliament?

- (A) President of India
- (B) Vice-President of India
- (C) Speaker of the Lok Sabha
- (D) Chief Justice of India

Indian Economy

Q70. Repo rate is the rate at which:

- (A) Commercial banks lend money to customers
- (B) RBI lends short-term funds to commercial banks
- (C) Commercial banks lend money to RBI
- (D) The government borrows from foreign institutions

Q71. Which organisation regulates the securities market in India?

- (A) NABARD
- (B) RBI
- (C) SEBI
- (D) SIDBI

Q72. Inflation refers to:

- (A) A sustained rise in the general price level
- (B) A fall in national income
- (C) An increase in exports only
- (D) A reduction in the money supply

Physics

Q73. Which instrument is used to measure electric current?

- (A) Voltmeter
- (B) Ammeter
- (C) Barometer
- (D) Hydrometer

Q74. The phenomenon responsible for the formation of a rainbow is:

- (A) Reflection only
- (B) Refraction only
- (C) Dispersion, refraction and internal reflection
- (D) Diffraction only

Q75. Which colour of visible light has the longest wavelength?

- (A) Violet
- (B) Blue
- (C) Green
- (D) Red

Chemistry

Q76. The pH value of a neutral solution at room temperature is:

- (A) 5
- (B) 6
- (C) 7
- (D) 8

Q77. Which metal is liquid at ordinary room temperature?

- (A) Sodium
- (B) Mercury
- (C) Aluminium
- (D) Copper

Q78. Baking soda is chemically known as:

- (A) Sodium carbonate
- (B) Calcium carbonate
- (C) Sodium hydrogen carbonate
- (D) Calcium hydroxide

Biology

Q79. Which organ of the human body secretes insulin?

- (A) Liver
- (B) Pancreas
- (C) Kidney
- (D) Spleen

Q80. The functional unit of the kidney is called:

- (A) Neuron
- (B) Alveolus
- (C) Nephron
- (D) Villus

Q81. Deficiency of which vitamin causes scurvy?

- (A) Vitamin A
- (B) Vitamin B₁
- (C) Vitamin C
- (D) Vitamin K

Static General Knowledge

Q82. Sanchi Stupa is located in:

- (A) Uttar Pradesh
- (B) Madhya Pradesh
- (C) Rajasthan
- (D) Bihar

Q83. The headquarters of the International Court of Justice is situated at:

- (A) Geneva
- (B) New York
- (C) The Hague
- (D) Brussels

Q84. Which classical dance form originated in Kerala?

- (A) Kathakali
- (B) Kathak
- (C) Kuchipudi
- (D) Manipuri

Sports

Q85. The term “love” is used in which sport?

- (A) Football
- (B) Tennis
- (C) Hockey
- (D) Basketball

Q86. The Thomas Cup is associated with:

- (A) Table tennis
- (B) Badminton
- (C) Football
- (D) Hockey

Awards and Honours

Q87. The Arjuna Award is presented for excellence in:

- (A) Literature
- (B) Scientific research
- (C) Sports
- (D) Cinema

Q88. The Jnanpith Award is primarily associated with:

- (A) Journalism
- (B) Literature
- (C) Social service
- (D) Classical music

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Books and Authors Q89. Who wrote the novel <i>Anandamath</i>? (A) Bankim Chandra Chattopadhyay (B) Sarat Chandra Chattopadhyay (C) Rabindranath Tagore (D) Munshi Premchand Q90. <i>The Guide</i> was written by: (A) Mulk Raj Anand (B) R.K. Narayan (C) Khushwant Singh (D) Vikram Seth Important Days Q91. International Literacy Day is observed every year on: (A) 5 September (B) 8 September (C) 14 November (D) 10 December Q92. National Science Day in India is observed on: (A) 28 February (B) 11 May (C) 15 January (D) 5 June Current Affairs Q93. The 2026 Winter Olympic Games were held in: (A) France (B) Switzerland (C) Italy (D) Austria Q94. Which international organization awards the Nobel Peace Prize? (A) United Nations (B) Norwegian Nobel Committee (C) UNESCO (D) International Court of Justice Q95. The headquarters of the World Health Organization (WHO) is located in: (A) New York (B) Paris (C) Geneva (D) Vienna	Railway General Knowledge Q96. The headquarters of the Central Railway zone is located in: (A) Kolkata (B) Mumbai (C) New Delhi (D) Chennai Q97. The headquarters of East Coast Railway is situated in: (A) Bhubaneswar (B) Visakhapatnam (C) Kolkata (D) Bilaspur Q98. The Integral Coach Factory is located at: (A) Kapurthala (B) Varanasi (C) Chennai (D) Patiala Mixed General Awareness Q99. Which planet has the largest number of prominent rings visible from Earth? (A) Mars (B) Venus (C) Saturn (D) Mercury Q100. Which Indian state is the largest producer of tea? (A) Kerala (B) Assam (C) Karnataka (D) Odisha
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Not Just Courses. Career Direction."

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