

Railway Group D CBT Mock Test 2

Based on official RRB Level 1 CBT pattern: 100 questions, 100 marks, 90 minutes

Subject	Questions	Marks
General Science	25	25
Mathematics	25	25
General Intelligence and Reasoning	30	30
General Awareness and Current Affairs	20	20
Total	100	100

- Time allowed: 90 minutes. Eligible PwBD candidates with scribe should follow the official time rules.
- Each question carries 1 mark. Negative marking: 1/3 mark for each wrong answer.
- Attempt easy questions first. Avoid blind guessing.
- This is practice material for students. Always verify latest exam updates from official RRB websites.

Answer Key is provided at the end of this PDF.

General Science

1. Which gas turns lime water milky?

- A. Nitrogen B. Carbon dioxide C. Hydrogen D. Oxygen

2. Which process changes water vapour into liquid water?

- A. Sublimation B. Melting C. Condensation D. Evaporation

3. Which blood cells help in clotting of blood?

- A. Plasma B. WBC C. Platelets D. RBC

4. Which part of the brain controls balance?

- A. Spinal cord B. Cerebrum C. Cerebellum D. Medulla

5. Which organelle is called the powerhouse of the cell?

- A. Golgi body B. Nucleus C. Mitochondria D. Ribosome

6. Which phenomenon causes splitting of white light into colours?

- A. Reflection B. Dispersion C. Refraction only D. Diffusion

7. Which is a physical change?

- A. Burning of paper B. Rusting of iron C. Melting of ice D. Cooking of food

8. Which organ helps in breathing?

- A. Kidney B. Brain C. Lungs D. Liver

9. Which part of the digestive system absorbs most nutrients?

- A. Oesophagus B. Large intestine C. Small intestine D. Stomach

10. Which is the functional unit of kidney?

- A. Villus B. Nephron C. Alveolus D. Neuron

11. The speed of light in vacuum is approximately:

- A. 3×10^5 km/h B. 300 m/s C. 3×10^8 m/s D. 3×10^6 m/s

12. Which is the largest gland in the human body?

- A. Pituitary B. Pancreas C. Thyroid D. Liver

13. Which blood group is called universal donor?

- A. B negative B. A positive C. O negative D. AB positive

14. Which substance is used in pencils?

- A. Lead B. Charcoal C. Graphite D. Diamond

15. Which device is used to measure temperature?

- A. Barometer B. Ammeter C. Voltmeter D. Thermometer

16. Which metal is used in electric wires commonly?

- A. Mercury B. Copper C. Zinc D. Lead

17. The green pigment in plants is:

- A. Chlorophyll B. Keratin C. Haemoglobin D. Melanin

18. The SI unit of work is:

- A. Watt B. Newton C. Joule D. Volt

19. The hardest natural substance is:

- A. Diamond B. Gold C. Graphite D. Iron

20. Which instrument measures atmospheric pressure?

- A. Anemometer B. Barometer C. Ammeter D. Thermometer

21. The SI unit of force is:

- A. Newton B. Watt C. Pascal D. Joule

22. The chemical formula of water is:

- A. O₂ B. H₂O C. NaCl D. CO₂

23. Which gas is essential for respiration?

- A. Hydrogen B. Nitrogen C. Oxygen D. Carbon dioxide

24. The red colour of blood is due to:

- A. Chlorophyll B. Plasma C. Haemoglobin D. Platelets

25. Which hormone regulates blood sugar level?

- A. Adrenaline B. Thyroxine C. Insulin D. Estrogen

Mathematics

26. A shopkeeper buys an article for Rs. 1500 and sells it at 12% profit. What is the selling price?

- A. 1680 Rs. B. 1681 Rs. C. 1682 Rs. D. 1679 Rs.

27. Find the compound interest on Rs. 1000 at 10% per annum for 2 years compounded annually.

- A. 210 Rs. B. 212 Rs. C. 211 Rs. D. 209 Rs.

28. Find the LCM of 14 and 35.

- A. 69 B. 70 C. 71 D. 72

29. A train travels at 40 km/h for 4 hours. What distance does it cover?

- A. 161 km B. 159 km C. 162 km D. 160 km

30. Find the simple interest on Rs. 5000 at 15% per annum for 4 years.

- A. 3000 Rs. B. 3001 Rs. C. 3002 Rs. D. 2999 Rs.

31. Find the average of 12, 78, 78, 21, 21.

- A. 41 B. 43 C. 42 D. 44

32. A sum of 54 is divided in the ratio 4:5. What is the first part?

- A. 26 B. 25 C. 23 D. 24

33. A shopkeeper buys an article for Rs. 2000 and sells it at 10% profit. What is the selling price?

- A. 2201 Rs. B. 2200 Rs. C. 2199 Rs. D. 2202 Rs.

34. A shopkeeper buys an article for Rs. 500 and sells it at 25% profit. What is the selling price?

- A. 625 Rs. B. 626 Rs. C. 627 Rs. D. 624 Rs.

35. What is the square of 16?

- A. 256 B. 255 C. 258 D. 257

36. Find the HCF of 48 and 60.

- A. 14 B. 13 C. 12 D. 11

37. Find the simple interest on Rs. 4000 at 6% per annum for 2 years.

- A. 482 Rs. B. 481 Rs. C. 480 Rs. D. 479 Rs.

38. Find the compound interest on Rs. 2000 at 5% per annum for 2 years compounded annually.

- A. 204 Rs. B. 207 Rs. C. 205 Rs. D. 206 Rs.

39. What is 50% of 200?

- A. 102 B. 101 C. 99 D. 100

40. A train of length 200 m runs at 36 km/h. How much time will it take to cross a pole?

- A. 21 sec B. 19 sec C. 20 sec D. 22 sec

41. What is 45% of 300?

- A. 135 B. 136 C. 134 D. 137

42. What is the square of 23?

- A. 528 B. 531 C. 529 D. 530

43. A sum of 60 is divided in the ratio 5:7. What is the first part?

- A. 26 B. 24 C. 27 D. 25

44. Marked price of an item is Rs. 2500. If a discount of 20% is given, what is the selling price?

- A. 1999 Rs. B. 2001 Rs. C. 2000 Rs. D. 2002 Rs.

45. Find the volume of a cuboid of length 6 cm, breadth 5 cm and height 4 cm.

- A. 119 cu cm B. 121 cu cm C. 122 cu cm D. 120 cu cm

46. Find the compound interest on Rs. 10000 at 5% per annum for 2 years compounded annually.

- A. 1026 Rs. B. 1024 Rs. C. 1027 Rs. D. 1025 Rs.

47. A sum of 99 is divided in the ratio 4:5. What is the first part?
 A. 46 B. 44 C. 45 D. 43
48. Ravi is 24 years old now. What will be his age after 4 years?
 A. 30 years B. 29 years C. 27 years D. 28 years
49. Find the LCM of 15 and 20.
 A. 60 B. 61 C. 62 D. 59
50. Find the average of 66, 49, 55, 54, 80.
 A. 60.8 B. 61.8 C. 59.8 D. 62.8

General Intelligence and Reasoning

51. A person walks 5 km east and then 4 km north. How far is he from the starting point?
 A. 5.4 km B. 8.4 km C. 7.4 km D. 6.4 km
52. Find the next number in the series: 15, 22, 29, 36, 43, ?
 A. 49 B. 50 C. 51 D. 52
53. Which diagram relationship is best represented by: Animals, Dogs, Cats?
 A. Dogs and Cats overlap completely B. Dogs and Cats are separate groups within Animals C. All three are separate D. Animals are within Dogs
54. Find the next number in the series: 13, 19, 25, 31, 37, ?
 A. 43 B. 45 C. 42 D. 44
55. A person walks 3 km east and then 6 km north. How far is he from the starting point?
 A. 7.71 km B. 8.71 km C. 6.71 km D. 5.71 km
56. Find the missing number: $4 \times 7 = ?$
 A. 29 B. 30 C. 27 D. 28
57. If the order of digits in 123 is reversed, what number is formed?
 A. 331 B. 321 C. 231 D. 123
58. Find the odd one out: Circle, Triangle, Square, Cube.
 A. Cube B. Square C. Triangle D. Circle
59. Wheel is related to Vehicle in the same way as Key is related to _____.
 A. Den B. Water C. Lock D. School
60. A person walks 3 km east and then 10 km north. How far is he from the starting point?
 A. 10.44 km B. 11.44 km C. 9.44 km D. 12.44 km
61. Pointing to a woman, Ravi said, 'She is the daughter of my mother's only son.' How is the woman related to Ravi?
 A. Sister B. Wife C. Mother D. Daughter
62. If '*' means multiplication and '+' has its usual meaning, find $2 * 3 + 4$.
 A. 10 B. 9 C. 11 D. 12
63. Find the missing number: $9 \times 9 = ?$
 A. 82 B. 80 C. 81 D. 83
64. If the order of digits in 468 is reversed, what number is formed?
 A. 468 B. 864 C. 874 D. 684
65. Find the next letter in the series: R S T U V ?
 A. X B. Y C. W D. V
66. If COACH is coded as FRDFK, then how will LINE be coded?
 A. QNSJ B. OLQH C. PMRI D. NKPG
67. If RAIL is coded as TCKN, then how will POST be coded?
 A. TSWX B. RQUV C. QPTU D. SRVW
68. Book is related to Reading in the same way as Pen is related to _____.
 A. School B. Writing C. Den D. Water

- 69. Statements:** All roses are flowers. Some flowers are red. Which conclusion definitely follows?
 A. All red things are roses B. All flowers are roses C. All roses are flowers D. Some roses are red
- 70. Find the missing number:** $3 \times 9 = ?$
 A. 27 B. 26 C. 29 D. 28
- 71. If '*' means multiplication and '+' has its usual meaning, find $9 * 4 + 4$.**
 A. 41 B. 39 C. 42 D. 40
- 72. If '*' means multiplication and '+' has its usual meaning, find $7 * 2 + 19$.**
 A. 34 B. 35 C. 33 D. 32
- 73. Find the next letter in the series:** D E F G H ?
 A. H B. I C. K D. J
- 74. Choose the item that does not belong to the group:** 2, 3, 5, 9.
 A. 9 B. 2 C. 5 D. 3
- 75. If WAGON is coded as XBHPO, then how will ROAD be coded?**
 A. SPBE B. TQCF C. URDG D. VSEH
- 76. Find the odd one out:** Apple, Mango, Banana, Potato.
 A. Potato B. Apple C. Mango D. Banana
- 77. In a class of 45 students, Mohan ranks 5th from the top. What is his rank from the bottom?**
 A. 43 B. 40 C. 41 D. 42
- 78. Find the next number in the series:** 10, 14, 18, 22, 26, ?
 A. 32 B. 29 C. 31 D. 30
- 79. If '*' means multiplication and '+' has its usual meaning, find $2 * 8 + 15$.**
 A. 30 B. 32 C. 31 D. 33
- 80. A person walks 8 km east and then 6 km north. How far is he from the starting point?**
 A. 10 km B. 9 km C. 11 km D. 12 km

General Awareness and Current Affairs

- 81. Which is the highest mountain peak in the world?**
 A. Mount Everest B. Nanda Devi C. Kangchenjunga D. K2
- 82. How many fundamental duties are listed in the Indian Constitution?**
 A. 9 B. 10 C. 12 D. 11
- 83. Which Indian state is known as the Land of Five Rivers?**
 A. Gujarat B. Punjab C. Bihar D. Haryana
- 84. Which is the first biosphere reserve in India?**
 A. Sundarbans B. Nanda Devi C. Gulf of Mannar D. Nilgiri Biosphere Reserve
- 85. Which classical dance form belongs to Kerala?**
 A. Bharatanatyam B. Kathak C. Kathakali D. Odissi
- 86. Which is the longest river in India?**
 A. Ganga B. Yamuna C. Narmada D. Godavari
- 87. Which planet is known as Earth's twin?**
 A. Mars B. Venus C. Jupiter D. Mercury
- 88. Who wrote the Indian national anthem?**
 A. Mahatma Gandhi B. Sarojini Naidu C. Bankim Chandra Chatterjee D. Rabindranath Tagore
- 89. Which is the capital of Telangana?**
 A. Warangal B. Hyderabad C. Visakhapatnam D. Vijayawada
- 90. Which city hosted the 2010 Commonwealth Games?**
 A. Bengaluru B. Mumbai C. Delhi D. Hyderabad
- 91. The national animal of India is:**
 A. Elephant B. Peacock C. Tiger D. Lion

92. Which is the highest dam in India?

- A. Tehri Dam B. Sardar Sarovar Dam C. Bhakra Nangal Dam D. Hirakud Dam

93. The Parliament of India consists of Lok Sabha, Rajya Sabha and:

- A. Prime Minister B. President C. Election Commission D. Supreme Court

94. Which is the largest state of India by area?

- A. Uttar Pradesh B. Madhya Pradesh C. Maharashtra D. Rajasthan

95. Which Indian city is known as the Silicon Valley of India?

- A. Pune B. Hyderabad C. Chennai D. Bengaluru

96. Which sport is associated with the Thomas Cup?

- A. Football B. Badminton C. Kabaddi D. Tennis

97. Which is the lower house of Parliament?

- A. Vidhan Parishad B. Lok Sabha C. Rajya Sabha D. Supreme Court

98. Which movement was launched by Mahatma Gandhi in 1942?

- A. Quit India Movement B. Swadeshi Movement C. Non-Cooperation Movement D. Civil Disobedience Movement

99. Which river is known as the Ganga of the South?

- A. Kaveri B. Krishna C. Narmada D. Godavari

100. Which Indian scientist won the Nobel Prize in Physics in 1930?

- A. C. V. Raman B. Vikram Sarabhai C. J. C. Bose D. Homi Bhabha

Answer Key

Q.No	Ans	Q.No	Ans	Q.No	Ans	Q.No	Ans
1	B	26	A	51	D	76	A
2	C	27	A	52	B	77	C
3	C	28	B	53	B	78	D
4	C	29	D	54	A	79	C
5	C	30	A	55	C	80	A
6	B	31	C	56	D	81	A
7	C	32	D	57	B	82	D
8	C	33	B	58	A	83	B
9	C	34	A	59	C	84	D
10	B	35	A	60	A	85	C
11	C	36	C	61	D	86	A
12	D	37	C	62	A	87	B
13	C	38	C	63	C	88	D
14	C	39	D	64	B	89	B
15	D	40	C	65	C	90	C
16	B	41	A	66	B	91	C
17	A	42	C	67	B	92	A
18	C	43	D	68	B	93	B
19	A	44	C	69	C	94	D
20	B	45	D	70	A	95	D
21	A	46	D	71	D	96	B
22	B	47	B	72	C	97	B
23	C	48	D	73	B	98	A
24	C	49	A	74	A	99	D
25	C	50	A	75	A	100	A

Note: These questions are designed for practice and mock-test preparation. Current affairs should be updated with the latest 6 to 8 months before the actual examination.