

Railway Group D CBT Practice Paper 6

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 part of the plant absorbs water from soil?

- A. Leaf B. Root C. Stem D. Flower

2. Which instrument is used to measure electric current?

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

3. Which is a physical change?

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

4. The chemical symbol of sodium is:

- A. So B. N C. Na D. S

5. The SI unit of force is:

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

6. Which is the largest planet in the Solar System?

- A. Earth B. Mars C. Saturn D. Jupiter

7. Which gas is used in fire extinguishers?

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

8. Which instrument measures atmospheric pressure?

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

9. Which is the unit of frequency?

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

10. Which vitamin helps in blood clotting?

- A. Vitamin A B. Vitamin C C. Vitamin D D. Vitamin K

11. Which gas is poisonous and combines with haemoglobin?

- A. Oxygen B. Carbon monoxide C. Nitrogen D. Helium

12. Which gas is commonly known as laughing gas?

- A. Sulphur dioxide B. Carbon monoxide C. Nitrous oxide D. Methane

13. Which vitamin deficiency causes rickets?

- A. Vitamin C B. Vitamin D C. Vitamin K D. Vitamin A

14. Which organ controls the nervous system?

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

15. Which disease is caused by deficiency of Vitamin C?

- A. Anaemia B. Rickets C. Night blindness D. Scurvy

16. The chemical formula of water is:

- A. NaCl B. O₂ C. H₂O D. CO₂

17. Which gas is released during photosynthesis?

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

18. Which part of the eye controls the amount of light entering it?

- A. Lens B. Retina C. Cornea D. Iris

19. Which planet is known as the Red Planet?

- A. Venus B. Saturn C. Mars D. Jupiter

20. Which part of the human body contains alveoli?

- A. Stomach B. Kidney C. Lungs D. Heart

21. The atomic number of carbon is:

- A. 14 B. 6 C. 8 D. 12

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

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

23. Which gas is filled in balloons to make them rise?

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

24. Which is used to prevent rusting?

- A. Keeping in moist air B. Heating only C. Painting D. Washing with water

25. Which gas turns lime water milky?

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

Mathematics

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

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

27. Pipe A fills a tank in 6 hours and Pipe B fills it in 12 hours. How long will both take together?

- A. 5 hours B. 4 hours C. 6 hours D. 3 hours

28. Find the LCM of 24 and 36.

- A. 74 B. 73 C. 71 D. 72

29. A train of length 150 m runs at 72 km/h. How much time will it take to cross a pole?

- A. 9.5 sec B. 6.5 sec C. 8.5 sec D. 7.5 sec

30. Pipe A fills a tank in 10 hours and Pipe B fills it in 16 hours. How long will both take together?

- A. 6.15 hours B. 8.15 hours C. 7.15 hours D. 5.15 hours

31. Pipe A fills a tank in 8 hours and Pipe B fills it in 24 hours. How long will both take together?

- A. 7 hours B. 8 hours C. 6 hours D. 5 hours

32. A sum of 98 is divided in the ratio 3:4. What is the first part?

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

33. A sum of 90 is divided in the ratio 2:3. What is the first part?

- A. 38 B. 36 C. 35 D. 37

34. Find the average of 12, 13, 20, 50, 65.

- A. 34 B. 31 C. 33 D. 32

35. A sum of 50 is divided in the ratio 2:3. What is the first part?

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

36. A train of length 240 m runs at 90 km/h. How much time will it take to cross a pole?

- A. 10.6 sec B. 9.6 sec C. 8.6 sec D. 11.6 sec

37. How many complete weeks are there in 42 days?

- A. 8 weeks B. 7 weeks C. 5 weeks D. 6 weeks

38. Pipe A fills a tank in 12 hours and Pipe B fills it in 12 hours. How long will both take together?

- A. 5 hours B. 6 hours C. 7 hours D. 8 hours

39. Find the area of a rectangle whose length is 24 cm and breadth is 8 cm.

- A. 194 sq cm B. 192 sq cm C. 191 sq cm D. 193 sq cm

40. Find the simple interest on Rs. 5000 at 5% per annum for 5 years.

- A. 1249 Rs. B. 1251 Rs. C. 1250 Rs. D. 1252 Rs.

41. A train travels at 60 km/h for 5 hours. What distance does it cover?

- A. 301 km B. 300 km C. 299 km D. 302 km

42. A train travels at 72 km/h for 5 hours. What distance does it cover?

- A. 362 km B. 359 km C. 360 km D. 361 km

43. Find the LCM of 18 and 30.

- A. 92 B. 91 C. 90 D. 89

44. Find the average of 18, 46, 37, 45, 23.

- A. 35.8 B. 32.8 C. 34.8 D. 33.8

45. Find the compound interest on Rs. 2000 at 10% per annum for 2 years compounded annually.

- A. 421 Rs. B. 422 Rs. C. 420 Rs. D. 419 Rs.

46. A sum of 60 is divided in the ratio 7:8. What is the first part?

- A. 30 B. 27 C. 28 D. 29

47. What is the square of 14?

- A. 196 B. 198 C. 195 D. 197

48. What is 30% of 400?

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

49. A can complete a work in 12 days and B in 30 days. In how many days can they complete it together?

- A. 7.57 days B. 8.57 days C. 9.57 days D. 10.57 days

50. Find the simple interest on Rs. 1000 at 15% per annum for 2 years.

- A. 301 Rs. B. 300 Rs. C. 299 Rs. D. 302 Rs.

General Intelligence and Reasoning

51. Find the odd one out: Red, Blue, Green, Chair.

- A. Red B. Blue C. Chair D. Green

52. Find the missing number: $4 \times 9 = ?$

- A. 37 B. 35 C. 36 D. 38

53. In a class of 40 students, Mohan ranks 15th from the top. What is his rank from the bottom?

- A. 26 B. 27 C. 25 D. 28

54. Find the missing number: $8 \times 6 = ?$

- A. 47 B. 48 C. 49 D. 50

55. In a class of 45 students, Mohan ranks 5th from the top. What is his rank from the bottom?

- A. 42 B. 41 C. 40 D. 43

56. Find the missing number: $5 \times 9 = ?$

- A. 46 B. 44 C. 47 D. 45

57. Bird is related to Nest in the same way as Lion is related to _____.

- A. Den B. Writing C. School D. Water

58. Find the next letter in the series: O Q S U W ?

- A. Z B. A C. X D. Y

59. Pointing to a woman, Ravi said, 'She is the daughter of my mother's only son.' How is the woman related to Ravi?

- A. Mother B. Wife C. Sister D. Daughter

60. Find the next number in the series: 12, 14, 16, 18, 20, ?

- A. 23 B. 22 C. 24 D. 21

61. Find the odd one out: Train, Bus, Car, Mango.

- A. Bus B. Car C. Mango D. Train

62. If the order of digits in 681 is reversed, what number is formed?

- A. 196 B. 186 C. 816 D. 681

63. Statements: All roses are flowers. Some flowers are red. Which conclusion definitely follows?

- A. All flowers are roses B. All red things are roses C. Some roses are red D. All roses are flowers

64. Find the next letter in the series: I L O R U ?

- A. X B. Y C. Z D. W

65. Find the next letter in the series: B D F H J ?

- A. N B. M C. L D. K

66. A person walks 6 km east and then 8 km north. How far is he from the starting point?

- A. 11 km B. 9 km C. 12 km D. 10 km

67. If the order of digits in 246 is reversed, what number is formed?

- A. 246 B. 462 C. 642 D. 652

68. If '*' means multiplication and '+' has its usual meaning, find $4 * 2 + 4$.

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

69. Find the missing number: $7 \times 6 = ?$

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

70. A person walks 5 km east and then 4 km north. How far is he from the starting point?
 A. 7.4 km B. 8.4 km C. 5.4 km D. 6.4 km
71. If '*' means multiplication and '+' has its usual meaning, find $3 * 9 + 1$.
 A. 27 B. 30 C. 28 D. 29
72. A person walks 8 km east and then 10 km north. How far is he from the starting point?
 A. 12.81 km B. 14.81 km C. 13.81 km D. 11.81 km
73. If the order of digits in 579 is reversed, what number is formed?
 A. 975 B. 795 C. 579 D. 985
74. Fish is related to Water in the same way as Bird is related to _____.
 A. Air B. School C. Water D. Den
75. In a class of 45 students, Mohan ranks 10th from the top. What is his rank from the bottom?
 A. 36 B. 38 C. 35 D. 37
76. If GROUP is coded as ITQWR, then how will CART be coded?
 A. ECTV B. DBSU C. GEVX D. FDUW
77. Cow is related to Calf in the same way as Dog is related to _____.
 A. Den B. Puppy C. Water D. School
78. If WAGON is coded as XBHPO, then how will GATE be coded?
 A. JDWH B. HBUF C. ICVG D. KEXI
79. In a class of 35 students, Mohan ranks 5th from the top. What is his rank from the bottom?
 A. 33 B. 31 C. 30 D. 32
80. If COACH is coded as FRDFK, then how will LINE be coded?
 A. OLQH B. PMRI C. NKPG D. QNSJ

General Awareness and Current Affairs

81. Which Indian city is known as the Silicon Valley of India?
 A. Chennai B. Bengaluru C. Hyderabad D. Pune
82. Who founded the Indian National Congress in 1885?
 A. Dadabhai Naoroji B. Gopal Krishna Gokhale C. A. O. Hume D. Mahatma Gandhi
83. Which Indian mission studied the Sun from L1 point?
 A. Mangalyaan B. Chandrayaan-3 C. Aditya-L1 D. Gaganyaan
84. Who is the guardian of the Indian Constitution?
 A. Prime Minister B. Parliament C. President D. Supreme Court
85. The national bird of India is:
 A. Peacock B. Parrot C. Eagle D. Sparrow
86. Which is the upper house of Parliament?
 A. Rajya Sabha B. Gram Sabha C. Lok Sabha D. Vidhan Sabha
87. Who wrote the Indian national anthem?
 A. Rabindranath Tagore B. Mahatma Gandhi C. Bankim Chandra Chatterjee D. Sarojini Naidu
88. The capital of India is:
 A. New Delhi B. Chennai C. Kolkata D. Mumbai
89. Which sport is associated with the Thomas Cup?
 A. Badminton B. Kabaddi C. Tennis D. Football
90. Which Indian scientist won the Nobel Prize in Physics in 1930?
 A. C. V. Raman B. J. C. Bose C. Homi Bhabha D. Vikram Sarabhai
91. Which city is called the Pink City of India?
 A. Jaipur B. Jodhpur C. Bikaner D. Udaipur
92. Which organisation conducts railway recruitment for Group D Level 1 posts?
 A. IBPS B. Railway Recruitment Boards C. SSC D. UPSC

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

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

94. Who was the first President of India?

- A. Dr. S. Radhakrishnan B. Dr. Rajendra Prasad C. C. Rajagopalachari D. Jawaharlal Nehru

95. Which sport is associated with the Davis Cup?

- A. Cricket B. Tennis C. Football D. Hockey

96. Who is known as the Father of the Indian Constitution?

- A. Mahatma Gandhi B. Jawaharlal Nehru C. Sardar Patel D. B. R. Ambedkar

97. The first railway line in India ran between:

- A. Delhi and Agra B. Kolkata and Howrah C. Chennai and Bengaluru D. Mumbai and Thane

98. Who is known as the Flying Sikh?

- A. Milkha Singh B. Kapil Dev C. Neeraj Chopra D. P. T. Usha

99. GST was introduced in India in:

- A. 2017 B. 2015 C. 2014 D. 2016

100. How many fundamental duties are listed in the Indian Constitution?

- A. 11 B. 12 C. 9 D. 10

Answer Key

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