

# Railway Group D CBT Practice Paper 5

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
<b>Total</b>	<b>100</b>	<b>100</b>

- 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. The green pigment in plants is:

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

2. Which device converts electrical energy into mechanical energy?

- A. Battery                      B. Generator                      C. Electric motor                      D. Transformer

3. The pH value of a neutral solution is:

- A. 1                      B. 10                      C. 0                      D. 7

4. Which metal is used in electric wires commonly?

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

5. The unit of electric current is:

- A. Ampere                      B. Watt                      C. Volt                      D. Ohm

6. Which force pulls objects toward the Earth?

- A. Magnetism                      B. Gravity                      C. Friction                      D. Tension

7. The speed of light in vacuum is approximately:

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

8. The atomic number of carbon is:

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

9. Which chemical is used in baking soda?

- A. Calcium oxide                      B. Sodium chloride                      C. Sodium bicarbonate                      D. Acetic acid

10. The basic unit of life is:

- A. Neuron                      B. Organ                      C. Tissue                      D. Cell

11. Which non-metal is a good conductor of electricity?

- A. Iodine                      B. Sulphur                      C. Phosphorus                      D. Graphite

12. Which is a good conductor of heat?

- A. Rubber                      B. Plastic                      C. Copper                      D. Wood

13. The SI unit of work is:

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

14. The red colour of blood is due to:

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

15. Which organ produces bile?

- A. Kidney                      B. Pancreas                      C. Stomach                      D. Liver

16. Which wave is used in mobile communication?

- A. Water wave                      B. Seismic wave                      C. Sound wave                      D. Radio wave

17. Which planet is known as the Red Planet?

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

18. Which gas turns lime water milky?

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

19. Which gas is commonly known as laughing gas?

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

20. Which instrument measures atmospheric pressure?

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

21. Which organ pumps blood in the human body?

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

22. Which is the main component of natural gas?

- A. Ethane                      B. Butane                      C. Propane                      D. Methane

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

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

24. Which part of the plant conducts water?

- A. Xylem                                      B. Phloem                                      C. Petal                                      D. Stomata

25. Which is the functional unit of kidney?

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

## Mathematics

26. Find the HCF of 96 and 120.

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

27. Find the LCM of 15 and 20.

- A. 61                                      B. 60                                      C. 59                                      D. 62

28. Find the area of a rectangle whose length is 20 cm and breadth is 12 cm.

- A. 240 sq cm                                      B. 241 sq cm                                      C. 239 sq cm                                      D. 242 sq cm

29. Find the LCM of 18 and 30.

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

30. Find the compound interest on Rs. 5000 at 10% per annum for 2 years compounded annually.

- A. 1052 Rs.                                      B. 1049 Rs.                                      C. 1050 Rs.                                      D. 1051 Rs.

31. What is the square of 16?

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

32. Find the average of 35, 65, 49, 65, 26.

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

33. What is 15% of 720?

- A. 107                                      B. 110                                      C. 109                                      D. 108

34. What is the square of 12?

- A. 145                                      B. 144                                      C. 143                                      D. 146

35. How many complete weeks are there in 49 days?

- A. 9 weeks                                      B. 8 weeks                                      C. 6 weeks                                      D. 7 weeks

36. Find the area of a rectangle whose length is 20 cm and breadth is 16 cm.

- A. 321 sq cm                                      B. 319 sq cm                                      C. 322 sq cm                                      D. 320 sq cm

37. What is 45% of 400?

- A. 180                                      B. 182                                      C. 179                                      D. 181

38. Find the area of a rectangle whose length is 15 cm and breadth is 12 cm.

- A. 180 sq cm                                      B. 182 sq cm                                      C. 181 sq cm                                      D. 179 sq cm

39. Find the simple interest on Rs. 2500 at 8% per annum for 2 years.

- A. 400 Rs.                                      B. 401 Rs.                                      C. 399 Rs.                                      D. 402 Rs.

40. Find the average of 25, 76, 62, 59, 23.

- A. 51                                      B. 50                                      C. 48                                      D. 49

41. How many complete weeks are there in 56 days?

- A. 10 weeks                                      B. 8 weeks                                      C. 7 weeks                                      D. 9 weeks

42. If  $3x + 9 = 15$ , then find x.

- A. 1                                      B. 3                                      C. 2                                      D. 4

43. Find the HCF of 54 and 72.

- A. 20                                      B. 17                                      C. 18                                      D. 19

44. Find the simple interest on Rs. 5000 at 6% per annum for 4 years.

- A. 1200 Rs.                                      B. 1202 Rs.                                      C. 1201 Rs.                                      D. 1199 Rs.

45. A train of length 200 m runs at 54 km/h. How much time will it take to cross a pole?

- A. 14.33 sec                                      B. 12.33 sec                                      C. 15.33 sec                                      D. 13.33 sec

46. A sum of 120 is divided in the ratio 7:8. What is the first part?

- A. 57                                      B. 58                                      C. 55                                      D. 56

47. Simplify:  $24 + 3 \times 8 - 10$ .

- A. 37                                      B. 38                                      C. 40                                      D. 39

48. Find the average of 76, 51, 25, 72, 29.

- A. 49.6                                      B. 51.6                                      C. 50.6                                      D. 52.6

49. 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. 120 cu cm                                      D. 122 cu cm

50. A train travels at 40 km/h for 5 hours. What distance does it cover?

- A. 200 km                                      B. 202 km                                      C. 201 km                                      D. 199 km

## General Intelligence and Reasoning

51. Find the next number in the series: 14, 20, 26, 32, 38, ?

- A. 46                                      B. 43                                      C. 44                                      D. 45

52. Find the next letter in the series: A D G J M ?

- A. P                                      B. Q                                      C. R                                      D. O

53. In a class of 45 students, Mohan ranks 12th from the top. What is his rank from the bottom?

- A. 33                                      B. 34                                      C. 35                                      D. 36

54. Find the next number in the series: 14, 17, 20, 23, 26, ?

- A. 29                                      B. 28                                      C. 31                                      D. 30

55. Which diagram relationship is best represented by: Animals, Dogs, Cats?

- A. Animals are within Dogs                                      B. All three are separate                                      C. Dogs and Cats are separate groups within Animals                                      D. Dogs and Cats overlap completely

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

- A. 15                                      B. 16                                      C. 18                                      D. 17

57. Find the next number in the series: 5, 13, 21, 29, 37, ?

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

58. If '\*' means multiplication and '+' has its usual meaning, find  $9 * 7 + 14$ .

- A. 79                                      B. 77                                      C. 78                                      D. 76

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

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

60. If RAIL is coded as SBJM, then how will ROAD be coded?

- A. SPBE                                      B. TQCF                                      C. VSEH                                      D. URDG

61. If TRAIN is coded as VTCKP, then how will GATE be coded?

- A. ICVG                                      B. HBUF                                      C. KEXI                                      D. JDWH

62. If '\*' means multiplication and '+' has its usual meaning, find  $2 * 8 + 17$ .

- A. 34                                      B. 35                                      C. 32                                      D. 33

63. If the order of digits in 579 is reversed, what number is formed?

- A. 975                                      B. 579                                      C. 985                                      D. 795

64. Fish is related to Water in the same way as Bird is related to \_\_\_\_\_.

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

65. Find the next letter in the series: H J L N P ?

- A. Q                                      B. S                                      C. R                                      D. T

66. Choose the item that does not belong to the group: Kilogram, Metre, Second, Banana.

- A. Banana                                      B. Kilogram                                      C. Second                                      D. Metre

67. In a class of 40 students, Mohan ranks 8th from the top. What is his rank from the bottom?

- A. 33                                      B. 34                                      C. 32                                      D. 35

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

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

69. Find the odd one out: Apple, Mango, Banana, Potato.

- A. Mango                                      B. Potato                                      C. Banana                                      D. Apple

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

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

71. Choose the item that does not belong to the group: 2, 3, 5, 9.

- A. 3                                      B. 9                                      C. 5                                      D. 2

72. Find the missing number:  $2 \times 4 = ?$

- A. 8                                      B. 7                                      C. 10                                      D. 9

73. Find the odd one out: January, March, Sunday, July.

- A. July                                      B. March                                      C. Sunday                                      D. January

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

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

75. If GROUP is coded as HSPVQ, then how will POST be coded?

- A. SRVW                                      B. RQUV                                      C. TSWX                                      D. QPTU

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

- A. 11.31 km                                      B. 13.31 km                                      C. 10.31 km                                      D. 12.31 km

77. In a class of 35 students, Mohan ranks 15th from the top. What is his rank from the bottom?

- A. 23                                      B. 21                                      C. 20                                      D. 22

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

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

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

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

80. In a class of 50 students, Mohan ranks 12th from the top. What is his rank from the bottom?

- A. 41                                      B. 38                                      C. 40                                      D. 39

## General Awareness and Current Affairs

81. Who is the guardian of the Indian Constitution?

- A. Parliament                                      B. Prime Minister                                      C. Supreme Court                                      D. President

82. Which sport is associated with the Thomas Cup?

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

83. Which Indian mission studied the Sun from L1 point?

- A. Gaganyaan                                      B. Mangalyaan                                      C. Chandrayaan-3                                      D. Aditya-L1

84. Who founded the Indian National Congress in 1885?

- A. Mahatma Gandhi                                      B. Dadabhai Naoroji                                      C. A. O. Hume                                      D. Gopal Krishna Gokhale

85. The national bird of India is:

- A. Eagle                                      B. Peacock                                      C. Sparrow                                      D. Parrot

86. Who wrote the Indian national anthem?

- A. Rabindranath Tagore                                      B. Mahatma Gandhi                                      C. Sarojini Naidu                                      D. Bankim Chandra Chatterjee

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

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

88. Which is the capital of West Bengal?

- A. Howrah                                      B. Siliguri                                      C. Kolkata                                      D. Asansol

89. Which festival is known as the festival of lights?

- A. Pongal                                      B. Eid                                      C. Diwali                                      D. Holi

90. The Dandi March was related to:

- A. Salt tax                                      B. Rail tax                                      C. Income tax                                      D. Land tax

91. Which part of the Constitution contains Fundamental Rights?

- A. Part II                                      B. Part III                                      C. Part IV                                      D. Part V

**92.** Which is the longest written constitution in the world?

- A. Constitution of India                      B. US Constitution                      C. UK Constitution                      D. French Constitution

**93.** The first railway line in India ran between:

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

**94.** The Planning Commission was replaced by:

- A. Election Commission                      B. NITI Aayog                      C. GST Council                      D. Finance Commission

**95.** Which organisation conducts railway recruitment for Group D Level 1 posts?

- A. Railway Recruitment Boards                      B. UPSC                      C. SSC                      D. IBPS

**96.** The capital of India is:

- A. New Delhi                      B. Chennai                      C. Kolkata                      D. Mumbai

**97.** Which bank is known as the central bank of India?

- A. State Bank of India                      B. Reserve Bank of India                      C. NABARD                      D. Punjab National Bank

**98.** Which river is known as the Ganga of the South?

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

**99.** Which river is also called Dakshin Ganga?

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

**100.** The United Nations was founded in:

- A. 1950                      B. 1947                      C. 1919                      D. 1945

# Answer Key

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

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.