

# Railway Group D CBT Mock Test 1

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. Which scale is used to measure earthquake intensity commonly?

- A. Richter scale                      B. Beaufort scale                      C. pH scale                      D. Kelvin scale

2. Which is a renewable source of energy?

- A. Solar energy                      B. Petroleum                      C. Natural gas                      D. Coal

3. Which is the unit of frequency?

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

4. Which is a physical change?

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

5. Which gas is poisonous and combines with haemoglobin?

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

6. Which is used to prevent rusting?

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

7. Which part of the plant conducts water?

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

8. Which gas is commonly known as laughing gas?

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

9. Which planet is known as the Red Planet?

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

10. The red colour of blood is due to:

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

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

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

12. Which is a good conductor of heat?

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

13. Which gas turns lime water milky?

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

14. Which blood cells help in clotting of blood?

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

15. Which instrument measures atmospheric pressure?

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

16. Which salt is common table salt?

- A. Calcium carbonate                      B. Potassium nitrate                      C. Sodium bicarbonate                      D. Sodium chloride

17. The main gas present in air is:

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

18. Which gas is essential for respiration?

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

19. Which substance is used in pencils?

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

20. The chemical formula of water is:

- A. O<sub>2</sub>                      B. CO<sub>2</sub>                      C. H<sub>2</sub>O                      D. NaCl

21. The hardest natural substance is:

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

22. Sound cannot travel through:

- A. Vacuum                      B. Steel                      C. Water                      D. Air

23. Which element has chemical symbol Fe?

- A. Francium                      B. Iron                      C. Lead                      D. Fluorine

24. Which part of the cell contains genetic material?

- A. Cytoplasm                      B. Nucleus                      C. Cell wall                      D. Mitochondria

25. Which chemical is used in baking soda?

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

## Mathematics

26. A shopkeeper buys an article for Rs. 500 and sells it at 12% profit. What is the selling price?

- A. 559 Rs.                      B. 561 Rs.                      C. 560 Rs.                      D. 562 Rs.

27. Find the HCF of 84 and 126.

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

28. A can complete a work in 10 days and B in 60 days. In how many days can they complete it together?

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

29. Find the LCM of 14 and 35.

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

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

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

31. A train of length 150 m runs at 54 km/h. How much time will it take to cross a pole?

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

32. Find the compound interest on Rs. 1000 at 5% per annum for 2 years compounded annually.

- A. 103.5 Rs.                      B. 102.5 Rs.                      C. 104.5 Rs.                      D. 101.5 Rs.

33. Find the HCF of 135 and 180.

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

34. Find the volume of a cuboid of length 8 cm, breadth 5 cm and height 3 cm.

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

35. A sum of 84 is divided in the ratio 3:4. What is the first part?

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

36. If  $4x + 19 = 43$ , then find x.

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

37. Find the simple interest on Rs. 5000 at 12% per annum for 5 years.

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

38. Find the area of a rectangle whose length is 30 cm and breadth is 8 cm.

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

39. A train of length 300 m runs at 72 km/h. How much time will it take to cross a pole?

- A. 17 sec                      B. 16 sec                      C. 15 sec                      D. 14 sec

40. How many complete weeks are there in 63 days?

- A. 11 weeks                      B. 9 weeks                      C. 10 weeks                      D. 8 weeks

41. What is 45% of 800?

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

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

- A. 6 weeks                      B. 7 weeks                      C. 4 weeks                      D. 5 weeks

43. What is the square of 21?

- A. 443                      B. 442                      C. 440                      D. 441

44. A can complete a work in 24 days and B in 24 days. In how many days can they complete it together?

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

45. A shopkeeper buys an article for Rs. 800 and sells it at 10% profit. What is the selling price?

- A. 881 Rs.                      B. 879 Rs.                      C. 882 Rs.                      D. 880 Rs.

46. Marked price of an item is Rs. 800. If a discount of 15% is given, what is the selling price?

- A. 680 Rs.                      B. 681 Rs.                      C. 679 Rs.                      D. 682 Rs.

47. Find the LCM of 21 and 28.

- A. 84                                      B. 86                                      C. 85                                      D. 83

48. A shopkeeper buys an article for Rs. 400 and sells it at 5% profit. What is the selling price?

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

49. A shopkeeper buys an article for Rs. 800 and sells it at 12% profit. What is the selling price?

- A. 898 Rs.                                      B. 895 Rs.                                      C. 896 Rs.                                      D. 897 Rs.

50. A train travels at 30 km/h for 3 hours. What distance does it cover?

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

## General Intelligence and Reasoning

51. Find the missing number:  $3 \times 9 = ?$

- A. 27                                      B. 29                                      C. 26                                      D. 28

52. In a class of 35 students, Mohan ranks 12th from the top. What is his rank from the bottom?

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

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

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

54. Find the odd one out: Iron, Copper, Silver, Wood.

- A. Wood                                      B. Copper                                      C. Iron                                      D. Silver

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

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

56. Book is related to Reading in the same way as Pen is related to \_\_\_\_\_.

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

57. If '\*' means multiplication and '+' has its usual meaning, find  $3 * 3 + 16$ .

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

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

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

59. Choose the item that does not belong to the group: Monday, Tuesday, Friday, Table.

- A. Tuesday                                      B. Table                                      C. Friday                                      D. Monday

60. If '\*' means multiplication and '+' has its usual meaning, find  $3 * 6 + 5$ .

- A. 22                                      B. 24                                      C. 23                                      D. 25

61. If GROUP is coded as HSPVQ, then how will LINE be coded?

- A. PMRI                                      B. MJOF                                      C. OLQH                                      D. NKPG

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

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

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

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

64. If the order of digits in 123 is reversed, what number is formed?

- A. 123                                      B. 331                                      C. 321                                      D. 231

65. Find the next number in the series: 20, 26, 32, 38, 44, ?

- A. 52                                      B. 51                                      C. 50                                      D. 49

66. A person walks 4 km east and then 6 km north. How far is he from the starting point?

- A. 9.21 km                                      B. 7.21 km                                      C. 6.21 km                                      D. 8.21 km

67. A person walks 3 km east and then 4 km north. How far is he from the starting point?

- A. 6 km                                      B. 7 km                                      C. 5 km                                      D. 4 km

68. Find the odd one out: Circle, Triangle, Square, Cube.

- A. Triangle                                      B. Circle                                      C. Cube                                      D. Square

- 69.** In a class of 40 students, Mohan ranks 12th from the top. What is his rank from the bottom?  
 A. 28                                      B. 29                                      C. 30                                      D. 31
- 70.** If the order of digits in 357 is reversed, what number is formed?  
 A. 573                                      B. 357                                      C. 763                                      D. 753
- 71.** If the order of digits in 579 is reversed, what number is formed?  
 A. 975                                      B. 579                                      C. 795                                      D. 985
- 72.** 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. Daughter                                      D. Sister
- 73.** Find the missing number:  $6 \times 6 = ?$   
 A. 36                                      B. 38                                      C. 35                                      D. 37
- 74.** Find the odd one out: Train, Bus, Car, Mango.  
 A. Bus                                      B. Train                                      C. Car                                      D. Mango
- 75.** In a class of 40 students, Mohan ranks 15th from the top. What is his rank from the bottom?  
 A. 28                                      B. 25                                      C. 27                                      D. 26
- 76.** If SIGNAL is coded as VLJQDO, then how will LINE be coded?  
 A. NKPG                                      B. PMRI                                      C. OLQH                                      D. QNSJ
- 77.** Find the next number in the series: 5, 11, 17, 23, 29, ?  
 A. 36                                      B. 34                                      C. 37                                      D. 35
- 78.** In a class of 40 students, Mohan ranks 8th from the top. What is his rank from the bottom?  
 A. 34                                      B. 33                                      C. 35                                      D. 32
- 79.** A person walks 3 km east and then 6 km north. How far is he from the starting point?  
 A. 6.71 km                                      B. 8.71 km                                      C. 7.71 km                                      D. 5.71 km
- 80.** Find the next number in the series: 18, 20, 22, 24, 26, ?  
 A. 29                                      B. 30                                      C. 28                                      D. 27

## General Awareness and Current Affairs

- 81.** Which is the highest civilian award in India?  
 A. Padma Shri                                      B. Param Vir Chakra                                      C. Padma Bhushan                                      D. Bharat Ratna
- 82.** The Planning Commission was replaced by:  
 A. GST Council                                      B. Election Commission                                      C. Finance Commission                                      D. NITI Aayog
- 83.** Which sport is associated with the Thomas Cup?  
 A. Football                                      B. Badminton                                      C. Kabaddi                                      D. Tennis
- 84.** The headquarters of the Indian Railways is in:  
 A. Mumbai                                      B. Chennai                                      C. New Delhi                                      D. Kolkata
- 85.** Which is the lower house of Parliament?  
 A. Lok Sabha                                      B. Rajya Sabha                                      C. Vidhan Parishad                                      D. Supreme Court
- 86.** The capital of India is:  
 A. Chennai                                      B. New Delhi                                      C. Kolkata                                      D. Mumbai
- 87.** Indian Railways was founded in which year with the first passenger train?  
 A. 1857                                      B. 1947                                      C. 1905                                      D. 1853
- 88.** The Dandi March was related to:  
 A. Rail tax                                      B. Land tax                                      C. Income tax                                      D. Salt tax
- 89.** Which Indian scientist won the Nobel Prize in Physics in 1930?  
 A. C. V. Raman                                      B. Vikram Sarabhai                                      C. Homi Bhabha                                      D. J. C. Bose
- 90.** Which railway zone has headquarters at Mumbai CSMT?  
 A. Southern Railway                                      B. Northern Railway                                      C. Central Railway                                      D. Eastern Railway
- 91.** Which Indian state is known as the Land of Five Rivers?  
 A. Haryana                                      B. Gujarat                                      C. Bihar                                      D. Punjab

**92. Who appoints the Chief Election Commissioner of India?**

- A. Prime Minister                      B. Lok Sabha Speaker                      C. Chief Justice of India                      D. President of India

**93. Which day is celebrated as Independence Day in India?**

- A. 26 January                      B. 5 September                      C. 2 October                      D. 15 August

**94. Which city is called the Pink City of India?**

- A. Jaipur                      B. Udaipur                      C. Bikaner                      D. Jodhpur

**95. Which is the largest continent?**

- A. North America                      B. Asia                      C. Africa                      D. Europe

**96. Which festival is known as the festival of lights?**

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

**97. Who is the guardian of the Indian Constitution?**

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

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

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

**99. Which is the longest river in India?**

- A. Ganga                      B. Narmada                      C. Yamuna                      D. Godavari

**100. Which day is celebrated as Republic Day in India?**

- A. 26 January                      B. 2 October                      C. 14 November                      D. 15 August

# Answer Key

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