

# Railway Group D CBT Practice Paper 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
<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 part of the plant conducts water?

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

2. The SI unit of pressure is:

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

3. Which is the main component of natural gas?

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

4. Which planet is known as the Red Planet?

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

5. Which is the male reproductive part of a flower?

- A. Stamen                                      B. Pistil                                      C. Sepal                                      D. Petal

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

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

7. Which acid is present in lemon?

- A. Lactic acid                                      B. Hydrochloric acid                                      C. Acetic acid                                      D. Citric acid

8. Which disease is caused by iodine deficiency?

- A. Rickets                                      B. Goitre                                      C. Anaemia                                      D. Scurvy

9. Which is the smallest bone in the human body?

- A. Stapes                                      B. Radius                                      C. Tibia                                      D. Femur

10. Which metal is used in electric wires commonly?

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

11. The chemical symbol of sodium is:

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

12. The hardest natural substance is:

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

13. Which gas is essential for respiration?

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

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

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

15. Which is the largest organ of the human body?

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

16. The SI unit of force is:

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

17. Which blood cells help in clotting of blood?

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

18. Which is used to prevent rusting?

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

19. Which is a good conductor of heat?

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

20. The speed of light in vacuum is approximately:

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

21. Which scale is used to measure earthquake intensity commonly?

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

22. Which vitamin helps in blood clotting?

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

23. The normal boiling point of water is:

- A. 0 deg C                                      B. 100 deg C                                      C. 50 deg C                                      D. 37 deg C

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

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

25. Sound cannot travel through:

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

## Mathematics

26. Find the area of a rectangle whose length is 15 cm and breadth is 8 cm.

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

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

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

28. What is the square of 25?

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

29. Find the compound interest on Rs. 5000 at 5% per annum for 2 years compounded annually.

- A. 511.5 Rs.                                      B. 514.5 Rs.                                      C. 513.5 Rs.                                      D. 512.5 Rs.

30. If  $6x + 19 = 61$ , then find x.

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

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

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

32. Find the simple interest on Rs. 1000 at 6% per annum for 3 years.

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

33. Find the volume of a cuboid of length 10 cm, breadth 6 cm and height 4 cm.

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

34. What is the square of 24?

- A. 577                                      B. 578                                      C. 575                                      D. 576

35. Find the simple interest on Rs. 2500 at 10% per annum for 3 years.

- A. 751 Rs.                                      B. 750 Rs.                                      C. 749 Rs.                                      D. 752 Rs.

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

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

37. What is 12% of 200?

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

38. A shopkeeper buys an article for Rs. 900 and sells it at 5% profit. What is the selling price?

- A. 945 Rs.                                      B. 944 Rs.                                      C. 946 Rs.                                      D. 947 Rs.

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

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

40. Find the volume of a cuboid of length 5 cm, breadth 4 cm and height 3 cm.

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

41. Pipe A fills a tank in 6 hours and Pipe B fills it in 20 hours. How long will both take together?

- A. 6.62 hours                                      B. 3.62 hours                                      C. 4.62 hours                                      D. 5.62 hours

42. Marked price of an item is Rs. 1000. If a discount of 30% is given, what is the selling price?

- A. 702 Rs.                                      B. 699 Rs.                                      C. 700 Rs.                                      D. 701 Rs.

43. A shopkeeper buys an article for Rs. 2000 and sells it at 5% profit. What is the selling price?

- A. 2100 Rs.                                      B. 2099 Rs.                                      C. 2101 Rs.                                      D. 2102 Rs.

44. A can complete a work in 30 days and B in 20 days. In how many days can they complete it together?

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

45. Find the volume of a cuboid of length 12 cm, breadth 5 cm and height 5 cm.

- A. 299 cu cm                                      B. 300 cu cm                                      C. 302 cu cm                                      D. 301 cu cm

46. Ravi is 32 years old now. What will be his age after 4 years?

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

47. A sum of 60 is divided in the ratio 5:7. What is the first part?  
 A. 25                                      B. 27                                      C. 26                                      D. 24
48. What is 10% of 300?  
 A. 31                                      B. 30                                      C. 29                                      D. 32
49. Ravi is 24 years old now. What will be his age after 4 years?  
 A. 30 years                                      B. 27 years                                      C. 29 years                                      D. 28 years
50. Find the compound interest on Rs. 1000 at 5% per annum for 2 years compounded annually.  
 A. 104.5 Rs.                                      B. 103.5 Rs.                                      C. 101.5 Rs.                                      D. 102.5 Rs.

## General Intelligence and Reasoning

51. Which diagram relationship is best represented by: Animals, Dogs, Cats?  
 A. Animals are within Dogs                      B. Dogs and Cats overlap completely                      C. All three are separate                      D. Dogs and Cats are separate groups within Animals
52. Pointing to a woman, Ravi said, 'She is the daughter of my mother's only son.' How is the woman related to Ravi?  
 A. Wife                                      B. Sister                                      C. Mother                                      D. Daughter
53. If the order of digits in 123 is reversed, what number is formed?  
 A. 331                                      B. 123                                      C. 321                                      D. 231
54. Doctor is related to Hospital in the same way as Teacher is related to \_\_\_\_\_.  
 A. Den                                      B. Writing                                      C. School                                      D. Water
55. Find the next number in the series: 8, 15, 22, 29, 36, ?  
 A. 43                                      B. 42                                      C. 44                                      D. 45
56. Find the next number in the series: 3, 10, 17, 24, 31, ?  
 A. 40                                      B. 37                                      C. 39                                      D. 38
57. Cow is related to Calf in the same way as Dog is related to \_\_\_\_\_.  
 A. Water                                      B. Den                                      C. Puppy                                      D. School
58. Find the next number in the series: 13, 21, 29, 37, 45, ?  
 A. 52                                      B. 53                                      C. 54                                      D. 55
59. 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
60. A person walks 4 km east and then 10 km north. How far is he from the starting point?  
 A. 12.77 km                                      B. 10.77 km                                      C. 11.77 km                                      D. 9.77 km
61. Find the odd one out: January, March, Sunday, July.  
 A. Sunday                                      B. July                                      C. March                                      D. January
62. If the order of digits in 579 is reversed, what number is formed?  
 A. 975                                      B. 579                                      C. 985                                      D. 795
63. Bird is related to Nest in the same way as Lion is related to \_\_\_\_\_.  
 A. Den                                      B. Water                                      C. School                                      D. Writing
64. A person walks 8 km east and then 4 km north. How far is he from the starting point?  
 A. 9.94 km                                      B. 7.94 km                                      C. 10.94 km                                      D. 8.94 km
65. If PLATE is coded as SODWH, then how will YARD be coded?  
 A. DFWI                                      B. CEVH                                      C. ACTF                                      D. BDUG
66. Find the next letter in the series: E F G H I ?  
 A. I                                      B. J                                      C. K                                      D. L
67. If the order of digits in 468 is reversed, what number is formed?  
 A. 874                                      B. 684                                      C. 864                                      D. 468
68. If '\*' means multiplication and '+' has its usual meaning, find  $8 * 7 + 1$ .  
 A. 57                                      B. 59                                      C. 56                                      D. 58



**92.** Which planet is known as Earth's twin?

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

**93.** Which is the upper house of Parliament?

- A. Vidhan Sabha                              B. Gram Sabha                              C. Lok Sabha                              D. Rajya Sabha

**94.** Who was the first Indian woman to win an Olympic medal?

- A. P. V. Sindhu                              B. Saina Nehwal                              C. Karnam Malleswari                              D. Mary Kom

**95.** Which movement was launched by Mahatma Gandhi in 1942?

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

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

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

**97.** Which sport is associated with the Thomas Cup?

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

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

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

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

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

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

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

# Answer Key

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