

# RRB ALP CBT-1 MODEL QUESTION PAPER WITH KEY (75 Questions)

## Mathematics

1. What is the value of  $(8 \times 5) - (6 \div 3) + 7$ ?

- A) 38
- B) 40
- C) 42
- D) 44

Answer: A) 38

2. Find the LCM of 16, 24, and 36.

- A) 144
- B) 96
- C) 72
- D) 108

Answer: C) 72

3. What is the percentage increase when a number increases from 50 to 75?

- A) 25%
- B) 50%
- C) 75%
- D) 100%

Answer: B) 50%

4. If 8 men can complete a work in 12 days, how many men are needed to complete the same work in 6 days?

- A) 8
- B) 10
- C) 16

D) 18

Answer: C) 16

5. Simplify:  $(25 \div 5) + (9 \times 2) - 3$

A) 18

B) 21

C) 23

D) 25

Answer: C) 23

6. What is the value of  $(8 \times 5) - (6 \div 3) + 7$ ?

A) 38

B) 40

C) 42

D) 44

Answer: A) 38

7. Find the LCM of 16, 24, and 36.

A) 144

B) 96

C) 72

D) 108

Answer: C) 72

8. What is the percentage increase when a number increases from 50 to 75?

A) 25%

B) 50%

C) 75%

D) 100%

Answer: B) 50%

9. If 8 men can complete a work in 12 days, how many men are needed to complete the same work in 6 days?

A) 8

B) 10

C) 16

D) 18

Answer: C) 16

10. Simplify:  $(25 \div 5) + (9 \times 2) - 3$

A) 18

B) 21

C) 23

D) 25

Answer: C) 23

11. What is the value of  $(8 \times 5) - (6 \div 3) + 7$ ?

A) 38

B) 40

C) 42

D) 44

Answer: A) 38

12. Find the LCM of 16, 24, and 36.

A) 144

B) 96

C) 72

D) 108

Answer: C) 72

13. What is the percentage increase when a number increases from 50 to 75?

A) 25%

B) 50%

C) 75%

D) 100%

Answer: B) 50%

14. If 8 men can complete a work in 12 days, how many men are needed to complete the same work in 6 days?

A) 8

B) 10

C) 16

D) 18

Answer: C) 16

15. Simplify:  $(25 \div 5) + (9 \times 2) - 3$

A) 18

B) 21

C) 23

D) 25

Answer: C) 23

16. What is the value of  $(8 \times 5) - (6 \div 3) + 7$ ?

A) 38

B) 40

C) 42

D) 44

Answer: A) 38

17. Find the LCM of 16, 24, and 36.

A) 144

B) 96

C) 72

D) 108

Answer: C) 72

18. What is the percentage increase when a number increases from 50 to 75?

A) 25%

B) 50%

C) 75%

D) 100%

Answer: B) 50%

19. If 8 men can complete a work in 12 days, how many men are needed to complete the same work in 6 days?

A) 8

B) 10

C) 16

D) 18

Answer: C) 16

20. Simplify:  $(25 \div 5) + (9 \times 2) - 3$

- A) 18
- B) 21
- C) 23
- D) 25

Answer: C) 23

21. What is the value of  $(8 \times 5) - (6 \div 3) + 7$ ?

- A) 38
- B) 40
- C) 42
- D) 44

Answer: A) 38

22. Find the LCM of 16, 24, and 36.

- A) 144
- B) 96
- C) 72
- D) 108

Answer: C) 72

23. What is the percentage increase when a number increases from 50 to 75?

- A) 25%
- B) 50%
- C) 75%
- D) 100%

Answer: B) 50%

24. If 8 men can complete a work in 12 days, how many men are needed to complete the same

work in 6 days?

- A) 8
- B) 10
- C) 16
- D) 18

Answer: C) 16

25. Simplify:  $(25 \div 5) + (9 \times 2) - 3$

- A) 18
- B) 21
- C) 23
- D) 25

Answer: C) 23

### **Mental Ability and Reasoning**

26. What is the missing number in the series: 4, 9, 16, 25, ?

- A) 36
- B) 40
- C) 49
- D) 56

Answer: A) 36

27. In a certain code language, if 'WATER' is written as 'XBUFS', how is 'FIRE' written?

- A) GJSF
- B) GJSD
- C) GJRF
- D) GJTF

Answer: A) GJSF

28. Which number comes next in the series: 3, 6, 18, 54, ?

- A) 72
- B) 108
- C) 162
- D) 216

Answer: C) 162

29. If 'DOG' is coded as '312' and 'CAT' is coded as '312', what is the code for 'BAT'?

- A) 212
- B) 122
- C) 123
- D) 321

Answer: A) 212

30. Find the odd one out: 64, 49, 25, 9, 1

- A) 64
- B) 49
- C) 25
- D) 9

Answer: A) 64

31. What is the missing number in the series: 4, 9, 16, 25, ?

- A) 36
- B) 40
- C) 49
- D) 56

Answer: A) 36

32. In a certain code language, if 'WATER' is written as 'XBUFS', how is 'FIRE' written?

A) GJSF

B) GJSD

C) GJRF

D) GJTF

Answer: A) GJSF

33. Which number comes next in the series: 3, 6, 18, 54, ?

A) 72

B) 108

C) 162

D) 216

Answer: C) 162

34. If 'DOG' is coded as '312' and 'CAT' is coded as '312', what is the code for 'BAT'?

A) 212

B) 122

C) 123

D) 321

Answer: A) 212

35. Find the odd one out: 64, 49, 25, 9, 1

A) 64

B) 49

C) 25

D) 9

Answer: A) 64

36. What is the missing number in the series: 4, 9, 16, 25, ?

- A) 36
- B) 40
- C) 49
- D) 56

Answer: A) 36

37. In a certain code language, if 'WATER' is written as 'XBUFS', how is 'FIRE' written?

- A) GJSF
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- C) GJRF
- D) GJTF

Answer: A) GJSF

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- A) 72
- B) 108
- C) 162
- D) 216

Answer: C) 162

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Answer: A) 212

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A) 64

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C) 25

D) 9

Answer: A) 64

41. What is the missing number in the series: 4, 9, 16, 25, ?

A) 36

B) 40

C) 49

D) 56

Answer: A) 36

42. In a certain code language, if 'WATER' is written as 'XBUFS', how is 'FIRE' written?

A) GJSF

B) GJSD

C) GJRF

D) GJTF

Answer: A) GJSF

43. Which number comes next in the series: 3, 6, 18, 54, ?

A) 72

B) 108

C) 162

D) 216

Answer: C) 162

44. If 'DOG' is coded as '312' and 'CAT' is coded as '312', what is the code for 'BAT'?

A) 212

B) 122

C) 123

D) 321

Answer: A) 212

45. Find the odd one out: 64, 49, 25, 9, 1

A) 64

B) 49

C) 25

D) 9

Answer: A) 64

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A) 36

B) 40

C) 49

D) 56

Answer: A) 36

47. In a certain code language, if 'WATER' is written as 'XBUFS', how is 'FIRE' written?

A) GJSF

B) GJSD

C) GJRF

D) GJTF

Answer: A) GJSF

48. Which number comes next in the series: 3, 6, 18, 54, ?

- A) 72
- B) 108
- C) 162
- D) 216

Answer: C) 162

49. If 'DOG' is coded as '312' and 'CAT' is coded as '312', what is the code for 'BAT'?

- A) 212
- B) 122
- C) 123
- D) 321

Answer: A) 212

50. Find the odd one out: 64, 49, 25, 9, 1

- A) 64
- B) 49
- C) 25
- D) 9

Answer: A) 64

## **General Science**

51. What is the chemical symbol for Iron?

- A) Fe
- B) Ir
- C) In
- D) F

Answer: A) Fe

52. Which gas is released during the process of photosynthesis?

- A) Carbon Dioxide
- B) Oxygen
- C) Nitrogen
- D) Hydrogen

Answer: B) Oxygen

53. What is the basic unit of heredity?

- A) Chromosome
- B) Gene
- C) DNA
- D) RNA

Answer: B) Gene

54. Which organ is responsible for filtering blood in the human body?

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

Answer: B) Kidney

55. What is the SI unit of electric current?

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

Answer: D) Ampere

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- A) Fe
- B) Ir
- C) In
- D) F

Answer: A) Fe

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- A) Carbon Dioxide
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- B) Kidney
- C) Heart
- D) Lungs

Answer: B) Kidney

60. What is the SI unit of electric current?

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

Answer: D) Ampere

61. What is the chemical symbol for Iron?

- A) Fe
- B) Ir
- C) In
- D) F

Answer: A) Fe

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- A) Carbon Dioxide
- B) Oxygen
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- D) Hydrogen

Answer: B) Oxygen

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- B) Gene
- C) DNA
- D) RNA

Answer: B) Gene

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

Answer: B) Kidney

65. What is the SI unit of electric current?

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

Answer: D) Ampere

66. What is the chemical symbol for Iron?

- A) Fe
- B) Ir
- C) In
- D) F

Answer: A) Fe

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- A) Carbon Dioxide
- B) Oxygen
- C) Nitrogen
- D) Hydrogen

Answer: B) Oxygen

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- B) Gene
- C) DNA
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Answer: B) Gene

69. Which organ is responsible for filtering blood in the human body?

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

Answer: B) Kidney

70. What is the SI unit of electric current?

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

Answer: D) Ampere

71. What is the chemical symbol for Iron?

- A) Fe
- B) Ir
- C) In
- D) F

Answer: A) Fe

72. Which gas is released during the process of photosynthesis?

- A) Carbon Dioxide
- B) Oxygen
- C) Nitrogen
- D) Hydrogen

Answer: B) Oxygen

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- A) Chromosome
- B) Gene
- C) DNA
- D) RNA

Answer: B) Gene

74. Which organ is responsible for filtering blood in the human body?

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

Answer: B) Kidney

75. What is the SI unit of electric current?

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

Answer: D) Ampere