RRB ALP CBT-1 MODEL QUESTION PAPER WITH KEY

Mathematics

1. If 20% of a number is 30, what is the number?

A) 120

B) 130

C) 140

D) 150

Answer: D) 150

2. What is the value of 15^2 - 9^2?

A) 144

B) 216

C) 256

D) 306

Answer: A) 144

3. Find the simple interest on Rs. 8000 at 4% per annum for 2 years.

A) 640

B) 720

C) 800

D) 960

Answer: A) 640

4. The perimeter of a square is 64 cm. What is the side length?

A) 12 cm

B) 14 cm

C) 16 cm

D) 18 cm

Answer: C) 16 cm

5. If a bike travels 240 km in 4 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

6. If 20% of a number is 30, what is the number?

A) 120

B) 130

C) 140

D) 150

Answer: D) 150

7. What is the value of $15^2 - 9^2$?

A) 144

B) 216

C) 256

D) 306

Answer: A) 144

8. Find the simple interest on Rs. 8000 at 4% per annum for 2 years.

A) 640

B) 720

C) 800

D) 960

Answer: A) 640

9. The perimeter of a square is 64 cm. What is the side length?

A) 12 cm

B) 14 cm

C) 16 cm

D) 18 cm

Answer: C) 16 cm

10. If a bike travels 240 km in 4 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

11. If 20% of a number is 30, what is the number?

A) 120

B) 130

C) 140

D) 150

Answer: D) 150

12. What is the value of 15^2 - 9^2?

A) 144

B) 216

C) 256

D) 306

Answer: A) 144

13. Find the simple interest on Rs. 8000 at 4% per annum for 2 years.

A) 640

B) 720

C) 800

D) 960

Answer: A) 640

14. The perimeter of a square is 64 cm. What is the side length?

A) 12 cm

B) 14 cm

C) 16 cm

D) 18 cm

Answer: C) 16 cm

15. If a bike travels 240 km in 4 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

16. If 20% of a number is 30, what is the number?

A) 120

B) 130

C) 140

D) 150

Answer: D) 150

17. What is the value of 15^2 - 9^2?

A) 144

B) 216

C) 256

D) 306

Answer: A) 144

18. Find the simple interest on Rs. 8000 at 4% per annum for 2 years.

A) 640

B) 720

C) 800

D) 960

Answer: A) 640

19. The perimeter of a square is 64 cm. What is the side length?

A) 12 cm

B) 14 cm

C) 16 cm

D) 18 cm

Answer: C) 16 cm

20. If a bike travels 240 km in 4 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

21. If 20% of a number is 30, what is the number?

A) 120

B) 130

C) 140

D) 150

Answer: D) 150

22. What is the value of 15^2 - 9^2?

A) 144

B) 216

C) 256

D) 306

Answer: A) 144

23. Find the simple interest on Rs. 8000 at 4% per annum for 2 years.

A) 640

B) 720

C) 800

D) 960

Answer: A) 640

24. The perimeter of a square is 64 cm. What is the side length?

A) 12 cm

B) 14 cm

C) 16 cm

D) 18 cm

Answer: C) 16 cm

25. If a bike travels 240 km in 4 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

Mental Ability and Reasoning

26. What comes next in the series: 3, 6, 12, 24, ?

A) 30

B) 36

C) 48

D) 60

Answer: C) 48

27. If in a certain code language 'PHONE' is written as 'QIPOF', how is 'LAPTOP' written?

A) MBQUPQ

B) MBQUPR

C) MCRVPR

D) MBQUQQ

Answer: A) MBQUPQ

28. Find the missing number in the series: 5, 11, 23, 47, ?

A) 95

B) 99

C) 101

D) 103

Answer: D) 103

29. In a certain language, if 'COOL' is coded as 'DPPM', how is 'HEAT' written?

A) IFBU

B) IFAV

C) IGBV

D) IGCU

Answer: A) IFBU

30. Find the odd one out: 25, 36, 50, 64, 81

A) 25

B) 36

C) 50

D) 81

Answer: C) 50

31. What comes next in the series: 3, 6, 12, 24, ?

A) 30

B) 36

C) 48

D) 60

Answer: C) 48

32. If in a certain code language 'PHONE' is written as 'QIPOF', how is 'LAPTOP' written?

A) MBQUPQ

B) MBQUPR

C) MCRVPR

D) MBQUQQ

Answer: A) MBQUPQ

33. Find the missing number in the series: 5, 11, 23, 47, ?

A) 95

B) 99

C) 101

D) 103

Answer: D) 103

34. In a certain language, if 'COOL' is coded as 'DPPM', how is 'HEAT' written?

A) IFBU

B) IFAV

C) IGBV

D) IGCU

Answer: A) IFBU

35. Find the odd one out: 25, 36, 50, 64, 81

A) 25

B) 36

C) 50

D) 81

Answer: C) 50

36. What comes next in the series: 3, 6, 12, 24, ?

A) 30

B) 36

C) 48

D) 60

Answer: C) 48

37. If in a certain code language 'PHONE' is written as 'QIPOF', how is 'LAPTOP' written?

A) MBQUPQ

B) MBQUPR

C) MCRVPR

D) MBQUQQ

Answer: A) MBQUPQ

38. Find the missing number in the series: 5, 11, 23, 47, ?

A) 95

B) 99

C) 101

D) 103

Answer: D) 103

39. In a certain language, if 'COOL' is coded as 'DPPM', how is 'HEAT' written?

A) IFBU

B) IFAV

C) IGBV

D) IGCU

Answer: A) IFBU

40. Find the odd one out: 25, 36, 50, 64, 81

A) 25

B) 36

C) 50

D) 81

Answer: C) 50

41. What comes next in the series: 3, 6, 12, 24, ?

A) 30

B) 36

C) 48

D) 60

Answer: C) 48

42. If in a certain code language 'PHONE' is written as 'QIPOF', how is 'LAPTOP' written?

A) MBQUPQ

B) MBQUPR

C) MCRVPR

D) MBQUQQ

Answer: A) MBQUPQ

43. Find the missing number in the series: 5, 11, 23, 47, ?

A) 95

B) 99

C) 101

D) 103

Answer: D) 103

44. In a certain language, if 'COOL' is coded as 'DPPM', how is 'HEAT' written?

A) IFBU

B) IFAV

C) IGBV

D) IGCU

Answer: A) IFBU

45. Find the odd one out: 25, 36, 50, 64, 81

A) 25

B) 36

C) 50

D) 81

Answer: C) 50

46. What comes next in the series: 3, 6, 12, 24, ?

A) 30

B) 36

C) 48

D) 60

Answer: C) 48

47. If in a certain code language 'PHONE' is written as 'QIPOF', how is 'LAPTOP' written?

A) MBQUPQ

B) MBQUPR

C) MCRVPR

D) MBQUQQ

Answer: A) MBQUPQ

48. Find the missing number in the series: 5, 11, 23, 47, ?

A) 95

B) 99

C) 101

D) 103

Answer: D) 103

49. In a certain language, if 'COOL' is coded as 'DPPM', how is 'HEAT' written?

A) IFBU

B) IFAV

C) IGBV

D) IGCU

Answer: A) IFBU

50. Find the odd one out: 25, 36, 50, 64, 81

A) 25

B) 36

C) 50

D) 81

Answer: C) 50

General Science

51. What is the chemical symbol for potassium?

A) K

B) P

C) Pt

D) Po

Answer: A) K

52. What is the atomic number of Carbon?

A) 4

B) 6

C) 8

D) 12

Answer: B) 6

53. Which organ in the human body is responsible for pumping blood?

A) Liver

B) Kidney

C) Heart

D) Lungs

Answer: C) Heart

54. What is the chemical formula for ammonia?

A) NH3

B) CO2

C) H2O

D) CH4

Answer: A) NH3

55. Which vitamin helps in the absorption of calcium?

A) Vitamin A

B) Vitamin B

C) Vitamin D

D) Vitamin E

Answer: C) Vitamin D

56. What is the chemical symbol for potassium?

A) K

B) P

C) Pt

D) Po

Answer: A) K

57. What is the atomic number of Carbon?

A) 4

B) 6

C) 8

D) 12

Answer: B) 6

58. Which organ in the human body is responsible for pumping blood?

A) Liver

B) Kidney

C) Heart

D) Lungs

Answer: C) Heart

59. What is the chemical formula for ammonia?

A) NH_3

B) CO_2

C) H_2O

D) CH_4

Answer: A) NH_3

60. Which vitamin helps in the absorption of calcium?

A) Vitamin A

B) Vitamin B

C) Vitamin D

D) Vitamin E

Answer: C) Vitamin D

61. What is the chemical symbol for potassium?

A) K

B) P

C) Pt

D) Po

Answer: A) K

62. What is the atomic number of Carbon?

A) 4

B) 6

C) 8

D) 12

Answer: B) 6

63. Which organ in the human body is responsible for pumping blood?

A) Liver

B) Kidney

C) Heart

D) Lungs

Answer: C) Heart

64. What is the chemical formula for ammonia?

A) NH_3

B) CO_2

C) H2O

D) CH4

Answer: A) NH3

65. Which vitamin helps in the absorption of calcium?

A) Vitamin A

B) Vitamin B

C) Vitamin D

D) Vitamin E

Answer: C) Vitamin D

66. What is the chemical symbol for potassium?

A) K

B) P

C) Pt

D) Po

Answer: A) K

67. What is the atomic number of Carbon?

A) 4

B) 6

C) 8

D) 12

Answer: B) 6

68. Which organ in the human body is responsible for pumping blood?

A) Liver

B) Kidney

C) Heart

D) Lungs

Answer: C) Heart

69. What is the chemical formula for ammonia?

A) NH3

B) CO2

C) H2O

D) CH4

Answer: A) NH3

70. Which vitamin helps in the absorption of calcium?

A) Vitamin A

B) Vitamin B

C) Vitamin D

D) Vitamin E

Answer: C) Vitamin D

71. What is the chemical symbol for potassium?

A) K

B) P

C) Pt

D) Po

Answer: A) K

72. What is the atomic number of Carbon?

A) 4

B) 6

C) 8

D) 12

Answer: B) 6

73. Which organ in the human body is responsible for pumping blood?

A) Liver

B) Kidney

C) Heart

D) Lungs

Answer: C) Heart

74. What is the chemical formula for ammonia?

A) NH_3

B) CO_2

C) H_2O

D) CH_4

Answer: A) NH_3

75. Which vitamin helps in the absorption of calcium?

A) Vitamin A

B) Vitamin B

C) Vitamin D

D) Vitamin E

Answer: C) Vitamin D