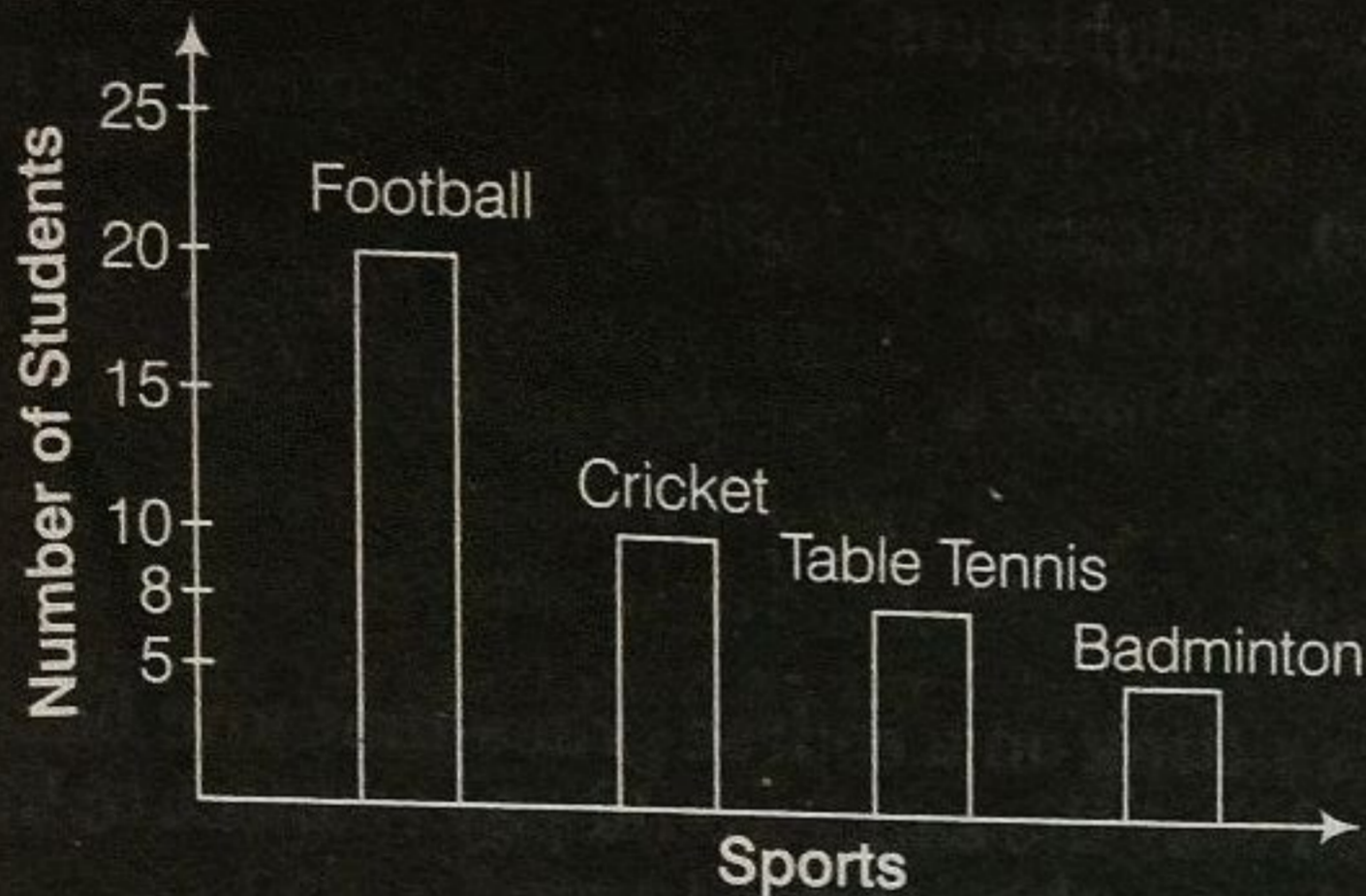# Section II Arithmetic Test

Directions (Q. Nos. 51-75) *For every question, four probable answers bearing (1), (2), (3) and (4) given. Only one out of these is correct. You have to choose the correct answer.*

51. Five digits greatest number to be formed with the help of 7, 2, 4, 8 and 0 is (each digit using once time)
- (1) 80742
- (2) 87042
- (3) 87420
- (4) 87402

52. $\frac{3}{4}$th of 144 is how much greater than $\frac{2}{3}$rd of 96?
- (1) 20
- (2) 44
- (3) 54
- (4) 64

53. The simplification of $641664 \div 16$ will be
- (1) 4104
- (2) 40104
- (3) 41404
- (4) 41004

54. The sum of first five multiple of 6 is
- (1) 90
- (2) 54
- (3) 30
- (4) 84

55. The decimal equivalent to $\left[\frac{3}{4} + \frac{4}{5} + \frac{8}{25}\right]$ is
- (1) 1.870
- (2) 18.70
- (3) 187
- (4) 1870

56. If $3.65 \times 0.5 = 1.825$, then the value of 365×0.5 is
- (1) 182.5
- (2) 18.25
- (3) 1.825
- (4) 365

57. $\frac{17}{25}$ can be expressed in percentage is
- (1) 34%
- (2) 68%
- (3) 17%
- (4) 25%

58. The difference between ten's digit and unit's digit of the sum of the first five multiple of 6 is
- (1) 6
- (2) 7
- (3) 8
- (4) 9

59. The greatest number which will divide 1277 and 1368 leaving 3 as the remainder in each case is
- (1) 68
- (2) 77
- (3) 91
- (4) 97

60. LCM of 114 and 95 is
- (1) 570
- (2) 950
- (3) 1140
- (4) 5700

61. The simplification of $24 + [6 - \{5 - 2(4 - 3)\}]$ gives the result
- (1) 22
- (2) 23
- (3) 24
- (4) 27

62. The sum of first 7 multiple of 13 is approximately
- (1) 360
- (2) 365
- (3) 370
- (4) 375

63. The next term of the series 1, 2, 4, 8, ... is
- (1) 12
- (2) 16
- (3) 10
- (4) 11

64. Rajesh's weight is 5 kg less than Ram's weight and Neha's weight is 3 kg more than Ram's weight. If the weight of three is 103 kg, then the weight of Ram is
- (1) 34 kg
- (2) 38 kg
- (3) 33 kg
- (4) 35 kg

65. A bus covers 400 km in 8 h, the average speed of bus is
(1) 30 km/h
(2) 50 km/h
(3) $50\frac{1}{2}$ km/h
(4) 60 km/h

66. Following bar chart represents the various sports play by students. Study the chart and give the answer.

How many students play table tennis?
(1) 10
(2) 8
(3) 18
(4) 20

67. Following graph represents the various transport medium used by the students.

Transport	Number of students
Bicycle	☺ ☺
Scooter	☺ ☺ ☺
Car	☺ ☺ ☺ ☺
School van	☺ ☺ ☺ ☺ ☺ ☺

Here, ☺ = 50 students
How many percentage of students use school van?
(1) 6
(2) 16
(3) 40
(4) 36

68. At 25% per annum interest in how many years the simple interest on a sum of money treble itself?
(1) 4
(2) 6
(3) 8
(4) 10

69. The price of 12 kg potato is ₹ 360. Then, the price of 8 kg potato is
(1) ₹ 180
(2) ₹ 240
(3) ₹ 300
(4) ₹ 288

70. If a book purchase in ₹ 150 and sell it ₹ 180. Then, the profit percentage is
(1) 20
(2) 25
(3) 30
(4) 33

71. The dimensions of a hall is 4.8 m × 3.6 m, what is the number of tiles required to cover with size of 1.2 m^2 tiles?
(1) 26
(2) 12
(3) 40
(4) 20

72. The dimensions of a rectangular park is 100 m × 60 m. A 2 m width path made around the rectangular park. The area (in m^2) of the path is
(1) 324
(2) 656
(3) 675
(4) 780

73. The side of a square park is 100 m. The perimeter of the park is
(1) 1000 m
(2) 400 m
(3) 200 m
(4) 800 m

74. Two persons walk each other 7:30 am. If their speed are 4 km/h and 6 km/h and initially their distance is 25 km, then in what time they will meet to each other?
(1) 8:30 am
(2) 9:30 am
(3) 10:00 am
(4) 10:30 am

75. Which statement is true for 11 and 21?
(1) Both are divisible numbers
(2) Both are even numbers
(3) Both are co-prime numbers
(4) Both are multiple of 3