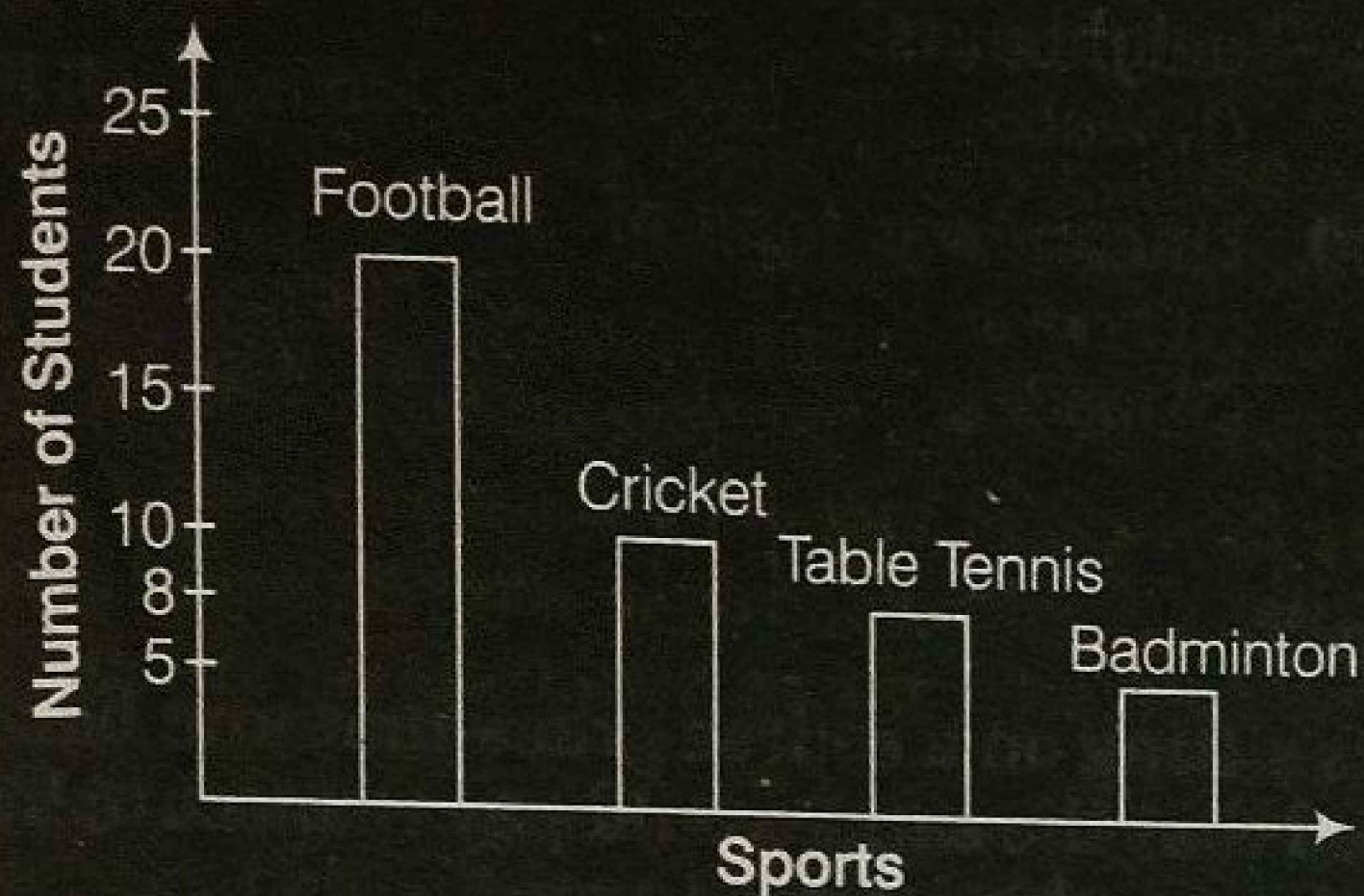# Section II Arithmetic Test

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