Test Paper 3

Code: 2026/DataHandling/C7/03

1. The mean of 6, 8, 5, 7, x and 4 is 7. Find x.

   (a) 10

   (b) 12

   (c) 15

   (d) 8

2. Which is the best representative value for "most popular shoe size"?

   (a) Mean

   (b) Median

   (c) Mode

   (d) Range

3. Median of 10, 12, 14, 16, 18, 20:

   (a) 14

   (b) 15

   (c) 16

   (d) 18

4. On a pie chart, if "Rent" occupies 120 degrees, what fraction of the total income is spent on Rent?

   (a) 1/4

   (b) 1/3

   (c) 1/2

   (d) 2/3

5. A coin is tossed 100 times and Head appears 45 times. The probability of getting a Tail is:

   (a) 0.45

   (b) 0.55

   (c) 0.50

   (d) 1.00

6. Range of 3.5, 4.2, 2.1, 8.9, 1.1:

   (a) 7.8

   (b) 5.4

   (c) 8.9

(d) 1.1

7. In a bar graph, if 1 cm = 10 units, then a bar of 4.5 cm represents:

   (a) 450 units

   (b) 45 units

   (c) 4.5 units

   (d) 0.45 units

8. Mean of first five odd natural numbers:

   (a) 4

   (b) 5

   (c) 6

   (d) 3

9. The data 7, 4, 3, 5, 6, 3, 3, 2, 4, 3, 4, 3, 3 has mode:

   (a) 4

   (b) 3

   (c) 2

   (d) 5

10. If the mean of a, b, c is M, then the mean of 2a, 2b, 2c is:

    (a) M

    (b) M+2

    (c) 2M

    (d) M/2

11. Which of the following cannot be the probability of an event?

    (a) 0.2

    (b) 1.5

    (c) 0

    (d) 1

12. Finding the middle-most value after sorting data is calculating:

    (a) Mean

    (b) Mode

    (c) Median

    (d) Tally

13. If total expenditure is Rs. 36,000, and the central angle for Food is 90 degrees, the amount spent on food is:

(a) 9,000

(b) 12,000

(c) 6,000

(d) 4,000

14. The mean of 0, 0, 0, 1, 4 is:

(a) 0

(b) 1

(c) 5

(d) 1.25

15. Representation of data using pictures is:

(a) Bar graph

(b) Pie chart

(c) Pictograph

(d) Histogram