# Test Paper 4

**Code: 2026/DataHandling/C7/04**

1. The mean of 11, 15, 17, y+1, 19, y-2 is 14. Find y.
   (a) 11
   (b) 10
   (c) 9
   (d) 12

2. Mode of 15, 14, 15, 12, 15, 14, 16, 15:
   (a) 14
   (b) 15
   (c) 16
   (d) 12

3. If the median of x/5, x, x/4, x/2, x/3 (where x>0) is 8, find x.
   (a) 24
   (b) 32
   (c) 40
   (d) 16

4. Central angle for a category with frequency 15 out of total 60:
   (a) 60 degrees
   (b) 45 degrees
   (c) 90 degrees
   (d) 120 degrees

5. A dice is thrown. Probability of getting a prime number:
   (a) 1/6
   (b) 1/3
   (c) 1/2
   (d) 2/3

6. If the mean of n observations is $\bar{x}$ and the sum of observations is $\sum x$, then n is:
   (a) $\sum x \times \bar{x}$
   (b) $\sum x / \bar{x}$
   (c) $\bar{x} / \sum x$
   (d) $\sum x + \bar{x}$

7. The tally mark 𝍸 represents:

(a) 5
(b) 6
(c) 7
(d) 9

8. Range of first 10 whole numbers:

(a) 10
(b) 9
(c) 11
(d) 0

9. Which measure is used to divide a data set into two equal halves?

(a) Mean
(b) Range
(c) Median
(d) Mode

10. In a pie chart, a component of 72 degrees represents what percentage?

(a) 20%
(b) 15%
(c) 72%
(d) 30%

11. Mean of 1/2, 1/4, 1/4:

(a) 1/2
(b) 1/3
(c) 1/4
(d) 1

12. If a data set has two modes, it is called:

(a) Unimodal
(b) Bimodal
(c) Multimodal
(d) Range-modal

13. If the scale of a bar graph is 1 unit = 100 units, a bar of height 7.2 units represents:

(a) 72
(b) 720
(c) 7200

(d) 7.2

14. The probability of a "Sure Event" is:

    (a) 0
    (b) 0.5
    (c) 1
    (d) Infinity

15. If the mean of 5 observations is 10, then the sum of observations is:

    (a) 2
    (b) 15
    (c) 50
    (d) 25