Test Paper 5

Code: 2026/DataHandling/C7/05

1. Find the mean of the first five multiples of 3.

   (a) 6
   (b) 9
   (c) 12
   (d) 15

2. What is the median of 41, 43, 127, 99, 61, 92, 71, 58, 57?

   (a) 61
   (b) 92
   (c) 71
   (d) 58

3. If the mode of 16, 15, 17, 16, 15, x, 19, 17, 14 is 15, then x is:

   (a) 16
   (b) 17
   (c) 15
   (d) 14

4. In a pie chart, if "Savings" is 36 degrees, and total income is Rs. 50,000, savings are:

   (a) 5,000
   (b) 3,600
   (c) 10,000
   (d) 7,500

5. The mean of 7 observations is 8. A new observation 16 is added. The new mean is:

   (a) 9
   (b) 10
   (c) 12
   (d) 8

6. A box contains 3 red, 2 white, and 5 yellow balls. Probability of not picking a red ball:

   (a) 3/10
   (b) 7/10
   (c) 1/2
   (d) 1/5

7. Range of the data 21, 6, 17, 18, 12, 8, 4, 13:

   (a) 17
   (b) 15
   (c) 21
   (d) 4

8. Which of the following is true?

   (a) Mean > Median
   (b) Mode = 3 Median - 2 Mean
   (c) Range = Mean
   (d) None

9. In a bar graph, the space between bars:

   (a) Must be equal
   (b) Can be different
   (c) Depends on frequency
   (d) Must be zero

10. The mean of first 10 even natural numbers:

    (a) 10
    (b) 11
    (c) 12
    (d) 9

11. If x is the mean of $x_1, x_2, \ldots, x_n$, then $\sum(x_i - x)$ is:

    (a) 0
    (b) 1
    (c) n
    (d) $\bar{x}$

12. If a pie chart shows 50% as "Education", the sector angle is:

    (a) 90 degrees
    (b) 180 degrees
    (c) 270 degrees
    (d) 45 degrees

13. The median of 2, 4, 6, 8, 10, 12 is:

    (a) 6
    (b) 8

(c) 7

(d) 9

14. Probability of getting 7 on a single roll of a standard die:

(a) 1

(b) 1/6

(c) 0

(d) 7/6

15. If the mean of 4, 7, 2, 8, x and y is 7, then x+y is:

(a) 21

(b) 14

(c) 42

(d) 12