Test Paper 2

Code: 2026/DataHandling/C7/02

1. Find the mean of all factors of 10.

   (a) 4.5

   (b) 3.5

   (c) 5.5

   (d) 4.0

2. What is the median of the data: 24, 36, 46, 17, 18, 25, 35?

   (a) 24

   (b) 25

   (c) 35

   (d) 18

3. In a double bar graph, if one bar is 4 units and another is 7 units with a scale 1 unit = 5 students, the difference in students is:

   (a) 3

   (b) 15

   (c) 35

   (d) 20

4. A cricketer scores 38, 70, 48, 34, 42, 55, 63, 46 runs in eight innings. The mean score is:

   (a) 49.5

   (b) 50.2

   (c) 48.0

   (d) 51.5

5. Out of 40 students, 10 like Cricket. In a pie chart, the sector angle for Cricket is:

   (a) 100 degrees

   (b) 40 degrees

   (c) 90 degrees

   (d) 60 degrees

6. The mode of 1, 2, 2, 3, 3, 3, 4, 4, 4, 4 is:

   (a) 1

   (b) 2

   (c) 3

(d) 4

7. Mean of x, x+3, x+6, x+9, x+12 is:

   (a) x+3

   (b) x+6

   (c) x+9

   (d) x+12

8. If the range of a data set is 24 and the lowest value is 16, the highest value is:

   (a) 8

   (b) 40

   (c) 32

   (d) 48

9. In a frequency distribution table, tallies are usually marked in groups of:

   (a) 3

   (b) 4

   (c) 5

   (d) 10

10. The median of 3, 11, 7, 2, 5, 9, 9, 2, 10 is:

    (a) 5

    (b) 7

    (c) 9

    (d) 11

11. If the probability of an event is 0, the event is:

    (a) Sure

    (b) Likely

    (c) Impossible

    (d) Possible

12. To find the average height of a class, we use:

    (a) Mode

    (b) Mean

    (c) Median

    (d) Range

13. If the total of all observations is 240 and the mean is 20, the number of observations is:

(a) 10

(b) 12

(c) 15

(d) 20

14. In a pie chart, the sum of all central angles is:

(a) 180 degrees

(b) 270 degrees

(c) 360 degrees

(d) 90 degrees

15. If each observation in a data set is increased by 5, the mean:

(a) Remains same

(b) Increases by 5

(c) Decreases by 5

(d) Multiplies by 5