Answer all the following questions(1×15=15)

1. Which of the following is not a central tendency of a data?
   (a) Mean
   (b) Median
   (c) Mode
   (d) Range

2. The difference between the highest and the lowest observations in a data is its
   (a) frequency
   (b) width
   (c) range
   (d) mode

3. A cricketer scored 38, 79, 25, 52, 0, 8, 100 runs in seven innings. The range of the runs scored is
   (a) 100
   (b) 92
   (c) 52
   (d) 38

4. If the mean of 3, 1, 5, x and 9 is 4, then the value of x is
   (a) 6
   (b) 4
   (c) 2
   (d) 0

5. The number of goals scored by a football team in a series of matches are: 3, 5, 0, 1, 2, 0, 4, 1, 3. The median of this data is
   (a) 3
   (b) 2
   (c) 2.5
   (d) 1

6. The median of the first 48 natural numbers is
   (a) 24.5
   (b) 25
   (c) 25.5
   (d) 26

7. The mean of three different natural numbers is 40. If lowest is 19, what could be highest possible number of remaining two numbers?
   (a) 40
   (b) 71
   (c) 81
   (d) 100

8. The mode of the data:
   3, 5, 1, 2, 0, 2, 3, 5, 0, 2, 1, 6 is
   (a) 6
   (b) 3
   (c) 2
   (d) 1

9. The marks in maths of a student are 75,86,78,83,85,76,90.The median score is
   a) 84
   b) 75
   d) 90
   e) none of these

10. The number which occurs most frequently in a set of numbers is
    a) median
    b) mode
    c) mean
    d) none of these

11. The mean of first 5 natural numbers is
    a) 1.5
    b) 2
    c) 3
    d) 2.5

12. The mode of the data is :8, 8, 9,7,7,6,4,5 is
    a) 8,7
    b) 7
    c) 9
    d) 8

13. The central most value of a data when arranged in order is

    a)median
    b) mode
    c) mean

d) none of these

14. The marks of two boys is 50 and 3 girls is 60.The mean marks is
   a) 56
   b) 50
   c) 40
   d) 60

15. The total weight of students is 1500 kg and the average weight is 30 kg, then the number of students is
   a) 11
   b) 15
   c) 10
   d) 50

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