

2023-24

Work Sheet

(Data Handling)

CLASS - VII

MATHEMATICS

Time: 40 minutes



Q1.Fill in the blanks:

- (a) The middle value of the data arranged in increasing or decreasing order is called -----.
- (b) The value of the observation having the highest frequency is called -----.
- (c) The sum of the values of data divided by the total no of observations is called -----.
- (d) The difference between the highest and lowest value is called -----.

Q2.What is the range of 101,102,103,104,105?

Q3.The weight (in Kg) of 15 students of your class is: 38,42,35,37,45,50,32,43,43,40,36,38,43,38,47.

Find the mode and median of this data. (b)Is there are more than one mode?

Q4. (i) Find the mode and median of the data: 12,14,15,18,14,19,14,13,9.

(ii)Are the median and mode same for this data?

Q5.Write true or false.

- (i) The median of a set of data is always the observation that occurs the most often.
- (ii) The arithmetic mean is smaller than each observation.
- (iii)The mode is the most occurring observation in a set of data.
- (iv) Median is always one of the given observations.
- (v) Mode is always one of the given data
- (vi) Range represents the spread of the data.

Q6. Find the mode and median of the data: 13,16,12,14,19,12,14,13,14,10.

Q7. Find the value of x , so that mode of the data will be 5,1,2,5,4,2,5,3, x ,4,1,3

Q8. The mean of a group of data is 60.If the data are 85, 62, 36, 48, 72, x , 75 and 39.Find the value of x .

Q9. Find the median of the data: 35, 37, 34,41,35,38,35,40,42 and 37.

Q10. Find the median of the data: 15, 20, 35,14,22,18 and 21.