



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Arithmetic

Class: 7

Date: 17.04.20

Duration: 40 min

Worksheet Solutions 4

Full Marks: 15

FREQUENCY DISTRIBUTION

Choose the Correct options:

1. Find the mode in the following numbers: 36, 38, 33, 34, 32, 30, 34, 35

- a) 34
- b) 38
- c) 36
- d) 30

2. Find the median in the following numbers: 36, 38, 33, 34, 32, 30, 34, 35

- a) 34
- b) 55
- c) 23
- d) 45

3. Find the mean in the following numbers: 36, 38, 33, 34, 32, 30, 34, 35

- a) 54
- b) 34
- c) 74
- d) 44

4. The sum of frequencies for all classes will always equal

- a) 1
- b) the number of elements in a data set
- c) the number of classes
- d) a value between 0 and 1

5. The number of tally sheet count for each value or a group is called:

- a) Class limit
- b) Class width
- c) Class boundary
- d) Frequency

Answer Question 6-8 with respect to the following frequency distribution table.

Monthly Expenditure	Expenditure more than rs 10000	Expenditure more thanrs 13000	Expenditure more thanrs 16000	Expenditure more thanrs 19000	Expenditure more thanrs 22000	Expenditure more thanrs 25000
Number of Families	100	85	69	50	33	15

6. The number of families having expenditure range in Rs 16000-19000 is
- a) 15
 - b) 17
 - c) 18
 - d) 19**
7. Construction of a cumulative frequency table is useful determining the
- a) mean
 - b) mode
 - c) median**
 - d) all of the above
8. The marks scored by 10 students are 5, 9, 8, 7, 2, 3, 4, 9, 6 and 8. The median marks is
- a) 6**
 - b) 7
 - c) 6.5
 - d) 5.5
9. The most frequent observation in a data set is called
- a) mode**
 - b) median
 - c) range
 - d) mean
10. The average of all observations in a set of data is known as
- a) median
 - b) range
 - c) mean**
 - d) mode
11. The median in the set 6, 4, 2, 3, 4, 5, 5, 4 would be
- a) 3
 - b) 6
 - c) 5
 - d) 4
12. Find the mean in the following numbers: 19, 21, 18, 17, 18, 22, 46
- a) 23
 - b) 16
 - c) 19
 - d) None of the above
13. What is the median in the following numbers: 19, 21, 18, 17, 18, 22, 46
- a) 15
 - b) 19
 - c) 21

d) 22

14. Find the mode in the following numbers: 9, 8, 15, 8, 20

a) 15

b) 8

c) 9

d) 20

15. Find the range in the following numbers: 9, 8, 15, 8, 20

a) 12

b) 900

c) 14

d) 15