

**PUNE VIDYARTHI GRIHA'S
COLLEGE OF SCIENCE & TECHNOLOGY**

F.Y.BMS (Semester-I)

Subject –Business Statistics

Date:

1. Measures of Central tendency is divided into _____ types

a) 2

b) 3

c) 4

d) 5

2. The ratio of summation of all objects to the total number of observation is called

a) mean

b) median

c) probability

d) mode

3. _____ is the mid value of arranged data

a) Mean

b) Median

c) Mode

d) Percentile

4. _____ is the value of the highest frequency

a) Mean

b) Median

c) Mode

d) mean deviation

5. Quartile divide the series into _____ parts

a) 2

b) 3

c) 4

d) 5

6. Mathematical average is _____

a) Mean

b) Median

c) Mode

d) mean deviation

7. Suppose there are 9 observation in arranged data then median will be _____ observation

a) 4

b) 5

c) 6

d) 7

8. Find arithmetic mean of the following question: $X = 18, 20, 22, 24, 26, 28, 30, 32$
 $F = 2, 5, 12, 17, 14, 6, 3, 1$
- 3.33
 - 25.4
 - 30.6
 - 13.5
9. Cumulative frequency curves are also known as _____
- O gives
 - Mean
 - Median
 - mode
10. For ungrouped frequency distribution in median, if N is even then median is arithmetic mean & of observation.
- $(N/2)$ th & $(N/2 + 1)$ th
 - $(N/2)$ th
 - $(N/2 + 1)$ th
 - (N) th & $(N+1)$ th
11. Histogram is in the form of _____
- Rectangles
 - Squares
 - Circles
 - Lines
12. Grouped frequency distribution can be divided into _____ types
- 3
 - 2
 - 4
 - 5
13. Find the median of the following data: 26,30,45,34,56,60,66,68,73,27,25
- 45
 - 25.4
 - 30.6
 - 27.25
14. Co-efficient of range = _____
- $(\text{Max}-\text{Min})/(\text{Max}+\text{Min})$
 - Max-Min
 - Max+Min
 - Max. min
15. Find the mode from these test results: 17, 19, 18, 17, 18, 19, 11, 17, 16, 19, 15, 15, 15, 17, 13, 11.
- 15
 - 11
 - 17
 - 19
16. For grouped frequency distribution in discrete random variable where $N = \sum f$ then median is
- $(N/2)$
 - $(N/2)$

- c) $(N/2 + 1)$
d) (N)
17. If the mean of 6 numbers is 41 then the sum of these numbers is
a) 250
b) **246**
c) 134
d) 456
18. Mean for grouped frequency distribution (discrete) :
a) $x_1 + x_2 + x_3 + \dots + x_n / x_n$
b) $x_1 + x_2 + x_3 + \dots + x_n / n$
c) $\sum f_i x_i / \sum f_i$
d) $\sum f_i x_i' / \sum f_i$
19. To find median we need to arrange the numbers in _____ order
A. Ascending
B. Descending
C. Horizontal
D. vertical
20. Mode of 1, 2, 3, 2, 2, 2, 4, 1 is _____
A. 1
B. 2
C. 3
D. 4