



Note: This Section Consists of 25 part questions and all are to be answered. Each question carries one mark.

Q1. Choose the correct answer for each from the given option:

1. A set of all units of interest in a study is called:
* Sample * Population * Parameter * Statistic
2. A part of the population selected for study is called:
* Data * Variable * Sample * Statistic
3. Family members in a family is an example of a
* continuous variable * Discrete variable * Qualitative variable * dependent variable
4. Colours of flowers is an example of :
* Qualitative variable * Quantitative variable * Normal variable * Abnormal variable
5. Height of students in a class
* continuous data * discrete data * constant data * sample data
6. IN a relative frequency distribution, the total of the relative frequencies is always equal to
* 100 * 1 * zero * Σf
7. Histogram is a graph of
* Frequency distribution * Qualitative data * sample data * population data
8. The graph of the cumulative frequency distribution is called
* Ogive * Histogram * frequency curve * frequency polygon
9. When mid points of a histogram are connected by free-hand drawing the graph is called
* simple bar * frequency polygon * Ogive * frequency curve
10. The total of all angles of a pie diagram should be equal to
* 180° * 90° * 360° * none
11. Sum of the deviation of the values from their mean is
* Minimum * zero * Range * Mode
12. The sum of the squares of the deviations of the values of a variable form their mean is
* Minimum * Maximum * Zero * Range
13. A distribution with more than two modes is called
* Multimodal * Unimodal * Bimodal * Mode
14. The sample mean \bar{x} is a
* sample * parameter * statistic * population
15. The population mean μ is a
* Population * statistic * sample * parameter
16. In a symmetrical distribution mean, median and mode are:
* $\bar{x} = \tilde{x} = \hat{x}$ * $\bar{x} > \tilde{x} > \hat{x}$ * $\bar{x} < \tilde{x} < \hat{x}$ * none
17. Index for base period is always taken as
* 150 * 100 * one * none
18. Base year quantities as weights are used in
* Laspeyre's method * Paasche's method * Fisher's Ideal method * none
19. Current year quantities as weights are used in
* Paasche's method * Laspeyre's method * Fisher's Ideal method * none
20. An arrangement of objects with regard to order is called
* combination * permutation * sample point * none
21. In how many ways can we select 3 students out of 10 students?

