

Data classification (multiple choice)

Q1. If the vertical lines are drawn at every point of straight line in frequency polygon then by this way the frequency polygon is transformed into

- (a) width diagram (b) Length diagram (c) Histogram (d) Dimensional bar chart

Ans → (a)

Q2. The diagrams such as cubes and cylinders are classified as

- (a) One dimension diagrams (b) Two dimension diagrams
(c) Three dimension diagrams (d) Dispersion diagrams

Ans → (c)

Q3. The discrete variables and continuous variables are two type of

- (a) Open and classification (b) Time series classification
(c) Qualitative classification (d) Quantitative classification

Ans → (d)

Q4. The classification method in which the upper limit of intervals is same as of lower limit class interval is called:

- (a) Exclusive method (b) Inclusive method (c) mid-point method
(d) Ratio method

Ans → (a)

Q5. The Type of cumulative frequency distribution in which the class intervals are added in top to bottom order is classified as:

- (a) Variation distribution (b) less than type distribution (c) more than type distribution
(d) ~~ratio~~ marginal distribution

Ans → (b)

6. The largest value is 60 and the smallest value is 40 and the number of classes desired is 5 then the class interval is :

- (a) 20 (b) 4 (c) 25 (d) 15

Ans → (b)

7. The diagrams used to represent grouped and ungrouped data is classified as :

- (a) breadth diagrams (b) bar diagrams
(c) width diagrams (d) ~~area~~ length diagrams

Ans → (b)

8. The less than type distribution and more than type distribution are type of :

- (a) Class distribution (b) Cumulative ^{class} distribution
(c) Cumulative Frequency distribution (d) Upper limit distribution

Ans → (c)

9. The exclusive method and inclusive method are ways of classifying data on basis of

- (a) Rational intervals (b) Class width (c) Class intervals

Ans → (c)

10. The classification of data on the graphical basis is also called :

- (a) Reflected classification (b) populated classification
(c) Sampling classification (d) spatial classification

Ans → (d)

11. The classification on the basis of time order is called as:

- (a.) disclosed classification (b.) ~~chronological classification~~
(c.) External classification (d.) Internal classification

Ans → (b)

12. The class frequency is divided by number of observations in the frequency distribution to convert it into:

- (a.) Relative margin distribution (b.) Relative variable distribution
(c.) ~~Relative frequency distribution~~ (d.) Relative width distribution

Ans → (c)

13. The process of arranging data on the basis of certain properties in classes or groups is classified as:

- (a.) ~~classification of data~~ (b.) Reflection of data
(c.) Sample of population (d.) Sample observations.

Ans → (a)

14. The class interval classification methods which ensures the data continuity is classified as:

- (a.) ~~midpoint method~~ (b.) Ratio method
(c.) ~~Exclusive method~~ (d.) Inclusive method

Ans → (d)

15. The less than type cumulative frequency distribution is considered as correspondent to:

- (a.) ~~Upper limit of class intervals~~ (b.) Lower limit of class intervals
(c.) Upper limit of range (d.) Positive value

Ans → (b)