

Statistics - ICS Part 1 Statistics Chapter 2 Short Questions Preparation

Q1. What are open -end classes.

Ans 1: A class which has either no lower class limit or no upper class limit is called on open-end class. For example , Below 5, and 25 and above are open -end classes

Q2. What is graph.

Ans 1: A graph consists of straight lines or curves. Graphs bring to light the salient features of the data at a glance and render comparison of two or more statistical series easy.

Q3. What is an ogive.

Ans 1: A graph showing the cumulative frequencies plotted against the upper boundaries is called a cumulative frequency polygon or an ogive. the graphs corresponding to a 'less than' and 'more' cumulative frequency distributions are called 'less than' and 'more' ogives respectively

Q4. What are important graphs of frequency distribution?

Ans 1: The important graphs are histogram, frequency polygon, ogive.

Q5. What is a frequency curve.

Ans 1: When drawing a histogram for a large number of observation it is theoretically possible in case of continuous data to take class intervals vary small in such case the lines connecting the tops of rectangles would come closer and closer to a smoothed curve such a smoothed curve is called frequency curve.

Q6. What is a table.

Ans 1: A table is a systematic arrangement of data into vertical columns and horizontal rows.

Q7. What is the difference between univariate frequency distributions and bivariate frequency distributions.

Ans 1: Frequency distributions which involve only one variable are called univariate frequency distribution.

Ans 2: Frequency distribution which involve two variables are called bivariate frequency distribution.

Q8. What is meant by frequency Polygon?

Ans 1: Frequency Polygon is a many sided closed figure used to display a frequency distribution graphically.

Q9. Define relative frequency.

Ans 1: The frequency of a class divided by the total frequency is called the relative frequency.

Q10. Define tabulation.

Ans 1: The process of arranging data into rows and columns is called tabulation.
