

Q10 → Distinguish between 'classification & tabulation'. Discuss the role of diagrams in Presenting statistical data.

Ans → The difference between classification and tabulation are as follow:

	classification	Tabulation
1.	The Process of arranging data into different categories on the basis of nature, behaviour, or common characteristics is called classification.	A Process of considering data and Presenting it in a compact form, by Putting data into statistical table, is called tabulation.
2.	Its Purpose is to analyse the data.	Its Purpose to Present the data.
3.	It is done at the initial stage of data.	Process of tabulation starts after classification.
4.	classification is a Process of statistical analysis.	Tabulation is a Process of Presenting the data in suitable

It is the process of grouping data according to their characteristics.

forms. It is orderly arrangement of data in rows and columns.

Objective of classification.

Objective of tabulation.

(a) To simplify complex data.

(a) Help in understanding and interpreting the data easily.

(b) To facilitate understanding.

(b) It help in comparing data.

(c) To facilitate comparison.

(c) It ~~help~~ in save space and time.

(d) To make analysis and interpretation easy.

(d) Tabulated data can be easily presented in the form of diagram and graphs.