

Statistics - ICS Part 1 Statistics Chapter 1 Short Questions Preparation

Q1. Discuss different meaning of statistics.		
Ans 1:	i) Firstly in Plural sense, statistics are aggregates of facts and figures.	
Ans 2: data.	ii) Secondly, statistics refers to the science.comprising methods used to collect, present analysis and interpret numerical	
Ans 3:	iii) Thirdly,statistics used as plural of the word statistic,by which we mean a quantity calculated from sample.	
Q2. Differ	rentiate betwene quantitiative and qualitative data.	
Ans 1:	Data which can be described by aquantititative variable such as height, age weight, etc. are called quantilativ data.	
Ans 2:	Data which cna be described by a qualitative variabel wush as martial status sex, religion, etc, are called qualitative data.	
Q3. What	is data.	
Ans 1:	The word data means information or numerical facts collected through census or surverys or other sources.	
Q4. Defin	e Parameter and Statistics.	
Ans 1:	Parameter:It is a quantity computed from the population.	
Ans 2:	Statistics:It is a quantity computed from the sample.	
Q5. Defin	e Descriptive Statistics.	
Ans 1:	Descriptive statistic deals with organizing, presenting and summarizing the collected data.	
Q6. Name	e the sources of primary data.	
Ans 1:	1- Direct personal observation	
Ans 2:	2- Registration	
A 2:	3- Estimates through local correspondents	

Ans 4:	4- Investigation throgh enumerators
Ans 5:	5- Information through mailed questionnaire.
7. Diffe	rentiate between qualitative and quantitative data.
Ans 1:	Data which can be described by quantitative variable such as age, height etc are called quantitative data.
Ans 2:	Data described by a qualitative variable such as marital status, religion etc are called qualitative data.
08. Give	three uses of statistics.
Ans 1:	i) Statistics simplifies complexities.
Ans 2:	ii) Statistics present facts in a definite form.
Ans 3:	iii) Statistics simplifies comparison of data.
9. Diffe	rnetiate between parameter and statistics.
Ans 1:	Parameter: A value calculated from the population is called parameter.
Ans 2:	Statistics: A value calculated from the sample is called statistics.
10. Diff	erentiate between continuous and discrete variable.
	A discrete variable can assume only some specific values where as a continuous variable can assume infinite number of rithin a given range.