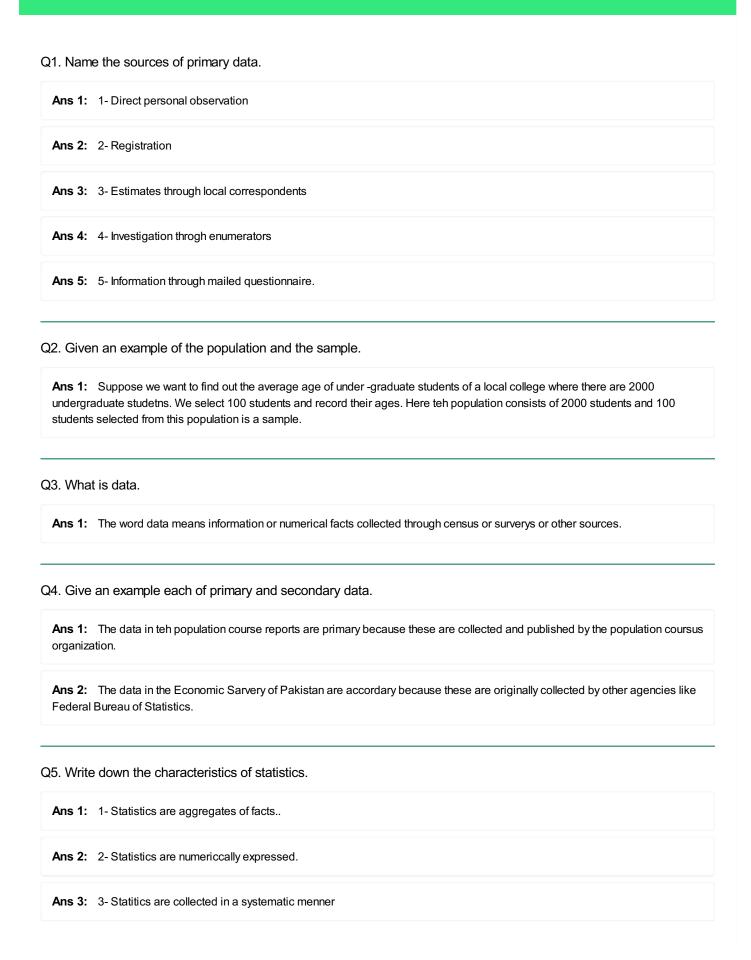


Statistics - ICS Part 1 Statistics Chapter 1 Short Questions Preparation



Q6. What is the importance of statistics in different fields.
Ans 1: Statistics plays an imporant role in almost eery field of human activity. Our arrival in the wold and departure from here are recorded as statistical events. Crops grown by farmers, goods produced by manufacturing industries, exports and imports etc, all are recorded an statistical data somewhere and in some form statitics is now applied to agriculture. biology, business communications, economics, education, medicine, paychology, sociology and numerios other fields of science and engineering.
Q7. 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.
Q8. Define Population and Sample.
Ans 1: Population: The total group under discussion is called the population.
Ans 2: Sample:A small representative part of population is called the sample.
Q9. Write any tow sources of secodary data.
Ans 1: 1- Official sources, e.g. various government publication, specially publications of Federal Bureau of statistics
Ans 2: 2- Semi -official sources, e.g. publication of state Bank of Pakistan.
Ans 3: 3- Private sources.e.g. publication of chamber of commerce and industry.
Ans 4: 4- Publication of Research Organizations.
Q10. Diofferent between a Variable and a Random variable.
Ans 1: Variable: A measurable quantity which can vary from one individual or object to another is called a variable.

Ans 2: Random Variable: A variable whose values are determined by the outcomes of a random experiment is called a random

variable.

Ans 4: 4- Staitstics are capable of being placed in relation to each other.