



INDIAN SCHOOL AL WADI AL KABIR

Class: XI	Department: Commerce
WORKSHEET: 1	Topic: Statistics - Introduction

MCQs

1. The term statistics was first used by?
 - a. Bowley
 - b. Bodington
 - c. Gottfried Achenwall
 - d. Marshall
2. Statistics is defined in terms of numerical data in the:
 - a. Singular sense
 - b. Plural sense
 - c. Either (a) or (b)
 - d. Both (a) and (b)
3. Statistics is applied in
 - a. Economics
 - b. Business Management
 - c. Commerce and Industry
 - d. All of These
4. Which Is Not Considered as An Economic Activity?
 - a. Banking
 - b. Sujata Helping Her Mother in the Kitchen
 - c. Agriculture
 - d. Business
5. "Economics is the study of economic welfare" who said this:
 - a. Marshall
 - b. Prof. Pigou
 - c. J. K. Mehta
 - d. Keynes.
6. The First Stage of Statistical Study is:
 - a. Analysis of Data
 - b. Presentation of Data
 - c. Organisation of Data
 - d. Collection of Data.
7. One who produces the commodity to satisfy the human wants is called a
 - a. Producer
 - b. Consumer

- c. Seller
 - d. Buyer
8. Statistics is defined in terms of numerical data in the:
- a. Singular sense
 - b. Plural sense
 - c. Either (a) or (b)
 - d. Both (a) and (b)
9. In the singular sense statistics means:
- a. Statistical science.
 - b. Statistical law.
 - c. Both a and b.
 - d. None of these.
10. The aggregate of data is called:
- a. Statistics
 - b. Editing
 - c. Analysis of data
 - d. Collection of data
11. Students of class XI do not pay much importance in studies. This statement is a statistical information. Choose the most appropriate option from below for the given statement.
- a. True
 - b. False
 - c. Partially true
 - d. Incomplete statement
12. Which of the following statements is incorrect?
- a. Resources have alternate uses.
 - b. All numbers are statistics.
 - c. Statistics is related to Economics.
 - d. Statistics studies aggregates of quantitative facts.
13. Which of the following is an economic activity?
- a. Blood donation
 - b. Offering prayers in a mosque
 - c. Production of crops
 - d. None of these
14. The process of converting raw materials into finished products is called:
- a. Consumption
 - b. Investment
 - c. Distribution
 - d. Production
15. The major cause of the emergence of economic problems is:
- a. Unemployment
 - b. Scarcity of resources
 - c. Inflation
 - d. None of these

Assertion and Reasoning Questions:

Alternatives:

- a. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A)
 - b. Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A)
 - c. Assertion (A) is true, but Reason (R) is false.
 - d. Assertion (A) is false, but Reason (R) is true.
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1. Assertion (A): Statistics also helps in condensing mass data into a few numerical measures such as mean, variance, etc.
Reason (R): These numerical measures help to summarize data.
 2. Assertion (A): Scarcity of resources is a major cause of all economic problems in a country.
Reason (R): Human wants are unlimited while the resources have alternative uses as well.
 3. Assertion (A) Statistics deals with the collection, analysis, interpretation, and presentation of numerical data.
Reason (R) Statistics is the study of numbers relating to selected facts in a systematic form.

CASE STUDY-BASED QUESTIONS

CASE STUDY 1

Sometimes formulation of plans and policies requires the knowledge of future trends. For example, an economic planner has to decide in 2019 how much the economy should produce in 2020. In other words, one must know what could be the expected level of consumption in 2020, to decide the production plan of the economy for 2020. In this situation, one might make a subjective judgment based on the guess about consumption in 2020. Alternatively, one might use statistical tools to predict consumption of past years or recent years obtained by surveys. Thus, statistical methods help to formulate appropriate economic policies that solve economic problems.

Fill in the blanks

1. Statistical methods help to analyse ----- and formulate ----- to solve them.
2. In economic policies, statistics plays a vital role in -----.
3. Statistics is applied in -----.
(A) Economics Business management
(B) Commerce and industry
(C) All of these
4. Statistics is of no use to economics without data. TRUE/FALSE