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| **SESSION** | **JUL/AUG 2022** |
| **PROGRAMME** | **Master of business administration (mBA)** |
| **SEMESTER** | **I** |
| **course CODE & NAME** | **DMba103-statistics for management** |

**ASSIGNMENT SET – 1**

**1. Define statistics. Explain different characteristics of statistics.**

**Ans 1.**

**Definition of Statistics**

According to Seligman, “Statistics is a science which deals with the method of collecting, classifying, presenting, comparing and interpreting the numerical data to throw light on enquiry”.

According to Horace Secrist, Statistics may be defined as “an aggregate of facts affected to a marked extent by multiplicity of causes, numerically expressed, enumerated or estimated

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whatsapp no 8791490301.

**2 Define statistical survey. Explain different methods of data collection.**

**Ans 2.**

**Definition of Statistical Survey**

A Statistical Survey is a scientific process of collection and analysis of numerical data. Statistical surveys are used to collect information about units in a population and it involves asking questions to individuals. Surveys of human populations are common in government, health,

**3 Explain different types of sampling techniques.**

**Ans 3.**

By choosing a sample technique carefully, errors can be minimised. The sampling techniques may be broadly classified into the following categories:

i) Probability sampling

ii) Non-probability sampling

**ASSIGNMENT SET – 2**

**4. Describe main steps in construction of index numbers.**

**Ans 4.**

**Main steps in construction of index numbers**

Main steps in the construction of index numbers To follow the steps many problems are encountered which are to be discussed carefully. There are many difficulties in following the steps involved in the construction of index numbers. The following

**5. Explain advantages and disadvantages of business forecasting.**

**Ans 5.**

**Advantages of business forecasting**

* Helpful in increasing profit and reducing losses Every business is carried out with the purpose of earning maximum profits. So, by forecasting the future price of the product and its demand, the businessman can predetermine the production cost, production and the level

**6. Describe utility and components of time series analysis.**

**Ans 6.**

**Utility of the Time Series**

**The following are the possible uses of the time series:**

* The comparative study of behaviour of the variable over different periods of time can be done. The variable may be export figures, quantity of industrial production etc.