

Worksheet

Name:

Roll No: Class: Section:

Date:

ARRANGING AND COLLECTING DATA

Unit-2

A. Choose the correct option.

- Facebook was initially designed for
 - Army ☐
 - White collar employees ☐
 - College students ☐
 - Married couples ☐
- Which of these analysis looks at two paired data sets, studying whether a relationship exists between them or not?
 - Univariate ☐
 - Bivariate ☐
 - Multivariate ☐
 - None of these ☐
- yottabyte = bytes.
 - 10^{15} ☐
 - 10^{18} ☐
 - $+10^{21}$ ☐
 - 10^{24} ☐

B. Fill in the blanks.

- Factor analysis and Cluster analysis are analysis techniques.
- A researcher would use data for a descriptive study on how one characteristic or attribute varies before including that variable in a study with two or more variables.
- Regression algorithm and clustering techniques are used for designing

C. State T or True and F for False.

- The fastest internet speed in the world has been clocked at an incredible 178 terabits per second.
- Modern sports coaching makes use of small data sets to create winning strategies to help individual athletes and the team as a whole.
- Search engines retrieve lots of data from different databases.
- Multivariate analysis involves a dependent variable.
- Twitter users can only send a maximum of 1000 tweets a day.

D. Define the following.

- Data Veracity
- Data collection apps
- Categorical data

E. Answer the following questions.

- When is focus group discussion used for collecting data?
- Write a short note on genome.
- Explain how Big Data is implemented in the field of science.
- What are some sources of unstructured data?