

# Worksheet

Name: .....

Roll No: ..... Class: ..... Section: .....

Date: .....

## DATA VISUALIZATIONS

### Unit-3

#### A. Choose the correct option.

1. In Calc, charts can be added in a worksheet using ..... menu.

a. Insert

☐

b. Tools

☐

c. Data

☐

d. Edit

☐

2. Which of these is not a type of histogram?

a,. Normal distribution

☐

b. Symmetric distribution

☐

c. Modular distribution

☐

d,. Bimodal distribution

☐

3. The number of peaks of a bimodal distribution is .....

a. 2

☐

b. 3

☐

c. 5

☐

d. 8

☐

#### B. Fill in the blanks.

1. .... tells us about the direction of outliers.

2. A pie chart is used to represent a ..... variable plot.

3. The data that results from each of the shopkeepers identifying their type of customer preference is called ..... data.

#### C. State T or True and F for False.

1. A histogram is a two-dimensional figure while bar graph is a one-dimensional figure. ....

2. Tabular representation of data can be used to monitor progress towards one or more business goals. ....

3. Using appropriate web traffic tools, one can get an approximate number of visitors that any website is attracting for a specific period of time. ....

4. Data visualisation is one of the fastest and the most efficient ways to wrap a mind around large amounts of data. ....

5. Impress is an app to create decorative documents to impress the reader. ....

#### D. Define the following.

1. Symmetric distribution

2. Bell-shaped histogram

3. Heterogenous data

#### E. Answer the following questions.

1. Data is only as good as the questions you ask. Comment.

2. Explain how tend analysis is important in business.

3. Why is there a need to identify usage trend of a website?

4. What are the important components of the OpenOffice Calc interface?

5. What are the different shapes of a histogram and what do each of them indicate?