Class VIII Subject: Computer

1. Tick the correct answer.
   1. I
   2. Ii
   3. Ii
   4. Iii
   5. Iii
2. State as true or false.
   1. T
   2. F
   3. T
   4. T
   5. F
3. Match the following.
   1. Iii
   2. Iv
   3. V
   4. Ii
   5. I
4. Fill in the blanks.
   1. Graphics
   2. Gridlines
   3. Legends
   4. Data label
   5. Insert
5. Very short answer type questions:
   1. Legends
   2. Grid lines are the parallel lines run from X-axis and Y-axis in the plot area used to identify the data points.
   3. Scatter chart
6. Short type question.
   1. Charts are the pictorial representation of the data stored in the worksheet. Chart help us to compare and analyse the data in more interesting and attractive manner.
   2. Most common types of chart are column chart, bar chart or pie chart.
      1. Column chart: this chart is used to compare the values of two or more data series in the same categories. In this values are organized horizontally across X-axis whereas their corresponding data values are placed vertically across Y-axis.
      2. Bar chart: bar chart is also like a column chart except that in bar chart categories are organized vertically along the y-axis and their values are plotted horizontally along the X-axis.
      3. Pie chart: this chart is divided into many slices to represent the data.
   3. The various chart components are:
      1. Chart title: a descriptive text that appear at the top of the chart to tell what the chart is all about.
      2. X-axis or categories: this is the horizontal axis of the chart on which each category is represented.
      3. Y-axis or value axis: vertical axis of the chart along which the value of each data series is plotted.
      4. Data series: the set of data values to be plotted in the chart, which come from the same row or column.
      5. Legends: these are used to identify each data series plotted in the chart uniquely with a different color or pattern.
      6. Gridlines: Grid lines are the parallel lines run from X-axis and Y-axis in the plot area used to identify the data points.
   4. To create chart in excel follow the steps:
      1. Select the table (data) in a worksheet to be plotted, including the column headers.
      2. On the Insert tab in the chart group, click on a chart category to expand the list of available chart types under it. (for 3-D chart)
      3. A new chart will appear
7. Application oriented questions:
   1. Chart features can be used. Chart is useful to compare the data in the form of picture.
   2. To insert the chart in a worksheet follow the steps:
      1. Select the table (data) in a worksheet to be plotted, including the column headers.
      2. On the Insert tab in the chart group, click on a chart category to expand the list of available chart types under it. (for 3-D chart)
      3. A new chart will appear
   3. Chart feature can be used.