

SUBJECT: COMPUTER SCIENCE
CLASS: VII

BOOK: TOUCHPAD (ORANGE PUBLICATIONS)

ANSWER KEY

CHAPTER-7: CHARTS IN EXCEL

EXERCISE D: Short answer type questions.

1. What is chart?

Ans:

1. A chart is an effective way to display data in a pictorial form. It makes it easier to draw comparison and analyse the growth, relationship and trends among the values in a table.

2. Define data series.

Ans:

2. Data series is related to the set of values. It is represented by the bars or slices that represent the data values.

3. What is area chart?

Ans:

3. Area chart displays the quantitative magnitude of the data graphically.

EXERCISE E: Long answer type questions.

1. Define any three components of a chart.

Ans:

1. (i) **Data Labels:** Data labels includes data values, category name, series name, legend keys and values from cells.

(ii) **X-axis:** X-axis is the horizontal axis of the chart. It is also called the category axis.

(iii) **Legend:** Legend is a key which shows the meanings of symbols and colours used in the chart.

2. What is the difference between column chart bar chart?

Ans:

2. (i) Column Chart displays the data in the form of vertical bars. Whereas bar chart displays the data in the form of horizontal bars.

(ii) In this chart, categories are on the horizontal axis and the values are represented on the vertical axis. Whereas, in this chart, categories are represented on the vertical axis and values are represented on the horizontal axis.

(Write Ans 2 in a table format – 2 points each)

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