Time: 1 hr.   Marks:30

Note:
1. Draw neat diagrams wherever necessary.
2. Figures to the right indicate full marks.
3. Write any TWO questions from the following.
4. Each question carry 15 Marks.

Q.1   What is data visualisation? Explain the importance and principles of data visualisation.   [15]

Q.2   What is bar chart? Explain the need for bar charts in financial data visualisation and provide   [15]
examples of their applications.

Q.3 a)   Explain the advantages and disadvantages of using pie charts in data visualisation.   [08]

    b)   Create a pie chart in Excel for the following data set and justify why this type of chart is suitable for   [07]
representing market share data.
Dataset Example: Market Share of Smartphone Brands

Brand	Market Share (%)
Brand A	25
Brand B	30
Brand C	15
Brand D	20
Brand E	10

---X---X---