UNIT I

1. With a suitable example discuss Pareto Chart
2. What are dot diagrams. Explain with an example how they help in analyzing a given data.
3. What is frequency distribution? List various Frequency distribution graphs that are in use.
4. What are frequency histograms. Discuss how they are helpful in the treatment of a given data
5. Briefly Discuss Ogive curves along with their advantages and uses
6. Define (i) Class Mark (ii) Class Boundary (iii) class Width (iv) less than ogive (v) more than ogive
7. What are Stem and Leaf Diagrams. Explain with an example
8. Discuss how Stem and Leaf diagrams help in analyzing a given data.
9. Briefly discuss various descriptive measures
10. Define various central measures. Explain how they are calculated

OR

1. Define Mean, Median, Mode. Explain how they are calculated
2. What are the measures of variation. Discuss how they are calculated
3. Which central measure is important or to be considered while application ? and Why? Justify your answer with an example
4. Discuss Positively skewed and Negatively skewed distributions.

UNIT II

1. State and explain various counting principles

OR

1. State and explain Product rule and Sum Rule
2. With an example explain Pascal’s triangle
3. Discuss Tree Diagram with an example