**UNIT-2**

**1 MARK**

1. Define scatter plot.
2. What is the use of plot() function?
3. Write the syntax for scatter function.
4. Define histogram.
5. What is the syntax used to plot histogram?
6. When Kernel-Density-Estimation (KDE) Plots are used?
7. Write the use of arrange() function.
8. What is error bars plot?
9. What is box plot.
10. Briefly write about Inter-Quartile-Range(IQR).
11. Write the use of pie charts.
12. Write the use of Bivariate Scatter Plots
13. Write the use of 3D Plots
14. What is the use on numpy?
15. What is the use of matplotlib?
16. Write the syntax of pie() function
17. Define cumulative frequency curve.
18. Define show() function.
19. Write the syntax for creating random variable.
20. Write the syntax of errorbar() function.

**10 MARKS**

1. Briefly explain about scatter plot and histograms with suitable example programs.
2. Explain briefly about boxplots and pie charts with suitable example programs.
3. Explain 3D plots with suitable example program.
4. Discuss about error-bars and grouped bar charts.
5. Explain Kernel-Density-Estimation (KDE) Plots with example**.**