PART – A (5 x 4 = 20 Marks)  
*Short Answer Type*

1. Descriptive Statistics  
2. Dashboards  
3. Data Exploration  
4. Uncertainty  
5. Data Manipulation

PART – B (5 x 12 = 60 Marks)  
*Essay Answer Type*

6. a) What is Data Visualization? Explain techniques of Data Visualization. OR  
   b) Explain the utility of Dashboard, also how are they used?

7. a) What is Descriptive Statistics? Explain the types of Descriptive Statistics. OR  
   b) Explain the various Probability Distributions.

8. a) What is Regression Analysis? Explain its Advantages and Disadvantages. OR  
   b) Explain the Forecasting techniques in predictive analytics.

9. a) Explain the steps in Non linear programming. OR  
    b) Explain the methods of integer optimization.

10. a) Explain the advantages of R package. OR  
     b) Explain R functions and control statements.