**UNIT-1**

**1 MARK**

1. What is Statistics?
2. **List any five Python Packages for Statistics**
3. Write the use of pandas.
4. Write the use of Matplotlib.
5. Write the use of Numpy.
6. Write the use of Python.
7. Write the use of Scipy.
8. Define dataframe.
9. What is the use of “import” statement.
10. List categorical datatypes.
11. List numerical datatypes.
12. Difference between continuous and discrete variables.
13. Difference between nominal and ordinal values.
14. What is the purpose of read\_csv() function.
15. What is the use of Jupyter Notebook
16. Write the example for creating a dataframe.
17. Is python interpreted or compiled bases language.
18. Write any two uses of python.
19. What is the use of round() function.
20. What is the use of head() function.

**10 MARKS**

1. Explain briefly about pandas data structures with suitable examples.
2. Briefly describe about categorical and numerical datatypes with suitable examples.
3. Explain briefly different Python Packages used for Statistics.
4. Explain about the following ways of reading input file through python for the development of statics: i) **Input from Text Files ii) Input from MS Excel**
5. What are the advantages of python? Write the execution procedure for running python script with suitable example.

**UNIT-2**