
 SURESH GYAN VIHAR UNIVERSITY <small>Accredited by NAAC with 'A' Grade</small>		INTERNAL ASSIGNMENT - 1
Course	MCA	
Semester	3	Statistics and Python in Machine Learning
Total Marks:	15	

Q 1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

- A. What are the Silent Features of Python Programming?
- B. Explain the features of Pandas.
- C. How NumPy library is useful to a programmer?

Q 2. Write short notes on all of the following topics (1 mark each - Word limit - 100)

- A. If Statement
- B. Break statement
- C. for statement
- D. pass statement
- E. When to use def keyword?

 SURESH GYAN VIHAR UNIVERSITY Accredited by NAAC with 'A' Grade		INTERNAL ASSIGNMENT - 2
Course	MCA	Statistics and Python in Machine Learning
Semester	3	
Total Marks:	15	

Q 1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

- A. What is a t-test? How to perform a 2 sample t-test?
- B. What is a linear regression? Discuss ways to perform simple linear regression in python ecosystem?
- C. Write code to create a figure with separate subplot titles and a centered figure title.

Q 2. Write short notes on all of the following topics (1 mark each - Word limit - 100)

- A. What do you mean by raise statement?
- B. What do you mean by Recursive function?
- C. List the operations performed on file.
- D. Explain else clause in exception handling.
- E. Explain try-catch block.