		INTERNAL ASSIGNMENT - 1
Course	**BCA Plus**	**Math for Machine Learning**
Semester	**5**	
Total Marks:	**15**	

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

a) What is an Interpreted language?

b)   What is a dynamically typed language?

c) Explain Categorical data in Pandas?

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

a) Define Series in Pandas?

b) Mention the different types of Data Structures in Pandas?

c) What's the expected number of coin flips until you get two heads in a row? What's

d) What's the expected number of coin flips until you get two tails in a row?

e) What are the different probability distribution are used?

SURESH GYAN VIHAR UNIVERSITY Accredited by NAAC with 'A' Grade		**INTERNAL ASSIGNMENT - 2**
Course	**BCA Plus**	**Math for Machine Learning**
Semester	**5**	
Total Marks:	**15**	

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

a) Write a short note on Qualitative Analysis
b) Write a short note on Qualitative Analysis.
c) What is Matplotlib?

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

a) Write a short note on Matplotlib Architecture.
b) How to install Matplotlib with pip?
c) What is Pyplot?
d) What is the main concept of Matplotlib?
e) What is Random Sampling?