SURESH GYAN VIHAR UNIVERSITY Accredited by NAAC with 'A' Grade		**INTERNAL ASSIGNMENT - 1**
Course	BCA Plus	**Machine Learning Algorithms**
Semester	5	
Total Marks:	15	

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

a)   What is the difference between regression models?

b)   What are the applications of clustering?

c)   When we can say the association rules are interesting?

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

a)   What are the four assumptions (simple linear and multiple) linear regression?

b)   Whatdo you mean by dependent and independent variables?(Y is related, x is independent)

c)   What is Clustering?

d)   What is hierarchical clustering?

e)   What is dendrogram?

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

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

a) What about the calculated regression equation?

b) How is hierarchical clustering work?

c) Explain Association rule in mathematical notations.

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

a) Decision Support System

b) Market-Basket Data

c) Association rules

d) The Apriori algorithm Key Concepts.

e) What is Q table.