SURESH GYAN VIHAR UNIVERSITY — Accredited by NAAC with 'A' Grade		**INTERNAL ASSIGNMENT – 1**
Course	**MCA Plus**	**Introduction to Google Cloud services**
Semester	**4**	
Total Marks:	**15**	

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

a) What is Cloud? Explain with example.

b) Why we make use of cloud in our real-world example. Justify it.

c) What are the different types of cloud? Explain with example.

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

a) Explain the advantages and disadvantages of using cloud.

b) Explain the various application of cloud.

c) Explain the various features of data centre.

d) Explain about the Fault tolerance & isolation levels in cloud data centre.

e) Explain the Hybrid IT Deployments techniques in Cloud Data Center.

SURESH GYAN VIHAR UNIVERSITY Accredited by NAAC with 'A' Grade		**INTERNAL ASSIGNMENT - 2**
Course	**MCA Plus**	**Introduction to Google Cloud services**
Semester	**4**	
Total Marks:	**15**	

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

   a) Discuss about Virtualization Technologies in cloud data centre.

   b) What is Cloud SQL? Explain it with example.

   c) Explain the Scaling up and down approach in SQL.

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

   a) Write a note on cloud spanner and explain its functionality.

   b) Discuss about some advance concepts of NewSQL.

   c) What is meant by Bigtable? Exemplify it.

   d) Explain the concept of Bigtable in detail.

   e) Explain the concept of HBase in detail.