SURESH GYAN VIHAR UNIVERSITY — Accredited by NAAC with 'A' Grade		**INTERNAL ASSIGNMENT - 1**
Course	MCA	**Software Engineering**
Semester	1	
Total Marks:	15	

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

A.   What are the objectives of software Maintenance? Explain in detail maintenance metrics.

B.   Explain role of CASE Tools in software engineering.

C.   What are the goals of Requirement Engineering? What are the tasks performed in requirement engineering?

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

A.   Black box testing

B.   What are the development lifecycle phases?

C.   Identify and briefly describe four types of requirement that may be defined for a computer-based system.

D.   What is Software?

E.   What is software reuse? How object-oriented approach provides it?

	INTERNAL ASSIGNMENT - 2
Course MCA	
Semester 1	**Software Engineering**
Total Marks: 15	

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

A. How Web Engineering is different than conventional Software Engineering?

B. Explain spiral model in detail. Explain major activities involved in spiral model.

C. Explain about object-oriented analysis and design principle.

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

A. What are essentials in project management?

B. Software Quality Assurance

C. Capability Maturity Model

D. Describe the process of Translating requirements into design model with a neat diagram.

E. What is testing? Explain the different levels of testing. Will exhaustive testing guarantee that the program is 100% correct? Explain.