
 <b>SURESH GYAN VIHAR UNIVERSITY</b> <small>Accredited by NAAC with 'A' Grade</small>		<b>INTERNAL ASSIGNMENT - 1</b>
<b>Course</b>	<b>MCA</b>	<b>Software Engineering</b>
<b>Semester</b>	<b>1</b>	
<b>Total Marks:</b>	<b>15</b>	

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

- A. Give the measures to validate the requirements of software system.
- B. Explain about need for software maintenance and elaborate on types of maintenance.
- C. Write a note on Entity-Relationship Analysis. Explain in brief the steps required to draw an E-R diagram.

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

- A. What is the relation between analysis and design?
- B. Reengineering and Reverse engineering
- C. What are the development lifecycle phases?
- D. How to handle risk?
- E. The specifications used to specify requirements

 <b>SURESH GYAN VIHAR UNIVERSITY</b> <small>Accredited by NAAC with 'A' Grade</small>		<b>INTERNAL ASSIGNMENT - 2</b>
<b>Course</b>	<b>MCA</b>	<b>Software Engineering</b>
<b>Semester</b>	<b>1</b>	
<b>Total Marks:</b>	<b>15</b>	

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

- A. What is the goal of requirements analysis phase? Give reasons why the requirements analysis phase is a difficult one.
- B. How we perform design evaluation? Explain it with suitable example.
- C. Explain with neat diagram the prototyping model for software development.

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

- A. Software design process
- B. The factors that influence the quality of software product
- C. The types of software maintenance
- D. A few process and project metrics
- E. What are structure charts? Explain.