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|  SGVU SURESH GYAN VIHAR UNIVERSITY DIRECTORATE OF DISTANCE EDUCATION | INTERNAL ASSIGNMENT - 1 |
| Course: MCA | SOFTWARE ENGINEERING |
| Semester: I | |
| Specialization: NA Total Marks- 15 | |

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

- A. What are the different ways in which quality can be reviewed? Explain them.**
- B. Write advantages and disadvantages of object-oriented design. Explain how we can identify objects classes. How function-oriented design is different from object-oriented design?**
- C. Describe the process of Translating requirements into design model with a neat diagram.**

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

- A. Black box testing**
- B. Project planning activity**
- C. Software configuration**
- D. Regression Testing**
- E. Structured design methodologies**

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|  SGVU SURESH GYAN VIHAR UNIVERSITY DIRECTORATE OF DISTANCE EDUCATION | INTERNAL ASSIGNMENT - 2 |
| Course: MCA | SOFTWARE ENGINEERING |
| Semester: I | |
| Specialization: NA Total Marks- 15 | |

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

A. Write advantages and disadvantages of object-oriented design. Explain how we can identify objects classes. How function-oriented design is different from object-oriented design?

B. What are the different ways in which quality can be reviewed? Explain them.

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

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

A. What is software?

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

C. Describe the phases of SDLC.

D. What is requirement elicitation?

E. Design methodologies