

M.B.A. CBCS Pattern Semester-IV  
**PCB4ED3 - SP03 - Software Engineering & Management**

P. Pages : 1

Time : Three Hours



**GUG/W/23/10731**

Max. Marks : 70

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- Notes : 1. Attempt **any five** questions.  
2. All questions carry equal marks.

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| 1.  | Describe software life cycle models.   | 14 |
| 2.  | What is object oriented design? Explain in detail.                                       | 14 |
| 3.  | Discuss the Role and Responsibility of a software project manager in project management. | 14 |
| 4.  | Explain various project estimation techniques.   | 14 |
| 5.  | What is Software Requirement Specification (SRS)? Write the contents of SRS document.    | 14 |
| 6.  | What is DFD's? Draw the symbols used for constructing DFD's.                             | 14 |
| 7.  | Describe the process of transformation of a DFD models into a structure chart.           | 14 |
| 8.  | What is object oriented software? Write its applications.                                | 14 |
| 9.  | Write about software testing with its coding standards and Guidelines.                   | 14 |
| 10. | Write short notes on <b>any two</b> .  | 14 |
|     | a) Software Reliability.   |    |
|     | b) Objectives of testing.  |    |
|     | c) Lines of Code (LOC).  |    |
|     | d) Software quality management system.   |    |

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