

M.B.A. (CBCS Pattern) Semester-IV
SP03 / PCB4ED3 - Software Engineering & Management

P. Pages : 1

Time : Three Hours



GUG/W/24/10731

Max. Marks : 70

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

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| 1. | What is software engineering? Discuss about its evaluation and impact. | 14 |
| 2. | Explain software life cycle models. | 14 |
| 3. | Describe software project planning. Write the responsibilities of a software project manager. | 14 |
| 4. | Explain various software project estimation techniques. | 14 |
| 5. | What is software requirement specification (SRS)? Write about the contents of SRS document. | 14 |
| 6. | Explain Data flow Diagram (DFD) and primitive symbols used for constructing DFD. | 14 |
| 7. | Describe object modeling using Unified Modeling Language (UML). | 14 |
| 8. | Explain object oriented software development & design pattern. | 14 |
| 9. | What is software reliability? Discuss how it is useful in software quality management. | 14 |
| 10. | Write short notes on any two . | 14 |
| | a) Coding standards & guidelines | |
| | b) Verification Vs validation | |
| | c) Software Testing | |
| | d) Defect Analysis & Defect reports. | |
