

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

P. Pages : 1

Time : Three Hours



GUG/S/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. | Define software engineering. Explain the evaluation and impact of software engineering discipline. | 14 |
| 2. | Explain the following software life cycle models.
a) Iterative waterfall Model.
b) Spiral Model. | 14 |
| 3. | Explain the role and responsibilities of project. Manager involve in software development. | 14 |
| 4. | What is Cocomo? Explain basic Cocomo model. | 14 |
| 5. | What is DFD? Explain transformation of a DFD model into a structure chart. | 14 |
| 6. | Explain function-oriented design and object-oriented design. | 14 |
| 7. | Explain Unified Modelling Language (UML) in detail. | 14 |
| 8. | Explain software reliability and quality management. | 14 |
| 9. | Discuss in briefly six sigma. | 14 |
| 10. | Write short note on any two .

a) Software Requirement specification (SRS).
b) ISO 9000.
c) Lines Of Code (LOC)
d) High-Level language programming. | 14 |
