

**CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS**

**III-B.TECH-I-Semester End Examinations (Regular) - December- 2024
SOFTWARE PROCESS & PROJECT MANAGEMENT
(CSM)**

[Time: 3 Hours]

[Max. Marks: 60]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 10 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks.

PART-A**(10 Marks)**

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| 1. a) Define software process. | [1M] |
| b) Compare the PSP and TSP. | [1M] |
| c) What are the five components of software cost models? | [1M] |
| d) Define management artifacts. | [1M] |
| e) Define periodic status assessment. | [1M] |
| f) What is the need of status assessment in software life cycle? | [1M] |
| g) List the main features of the default line-of-business organization. | [1M] |
| h) What are the steps in identifying project roles? | [1M] |
| i) Distinguish between small-scale projects and large-scale projects. | [1M] |
| j) Define the SEI-CMM maturity levels of organizations. | [1M] |

PART-B**(50 Marks)**

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| 2. Discuss in detail the Initial process, the repeatable process and the managed process. | [10M] |
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OR

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| 3. Distinguish between software process and software project. | [10M] |
| 4. What is meant by Elaboration phase? Discuss the primary objectives and essential activities of Elaboration phase. | [10M] |

OR

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| 5. Explain with a neat diagram how various artifacts evolved over the life cycle. | [10M] |
| 6. Discuss about typical minor milestones in the life cycle of an iteration. | [10M] |

OR

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| 7. Describe about Process Planning in details. | [10M] |
| 8. Discuss the four component teams in a default project organization and their responsibility. | [10M] |

OR

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| 9. Explain the main features of the default line-of-business organization. | [10M] |
| 10. What is the transition process in project management? | [10M] |

OR

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| 11. Explain the Next generation Software economics. | [10M] |
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