

Code No: MC2035B/R20

MCA III Semester Regular/Supplementary Examinations, February-2023

SOFTWARE PROJECT MANAGEMENT

Time: 3 Hours

Max. Marks: 70

Answer any FIVE Questions One Question From Each Unit
All Questions Carry Equal Marks

- UNIT-I**
1. a) Describe the three generations of software economics. 7M
b) Briefly explain pragmatic software cost estimation. 7M
(OR)
2. a) Describe the progress profile of a conventional software project. 7M
b) Explain the principles of modern software management. 7M
- UNIT-II**
3. a) What are the seven workflows in the Life Cycle? Elaborately discuss them. 7M
b) What are the activities that are essential in Inception and Elaboration phases? Explain. 7M
(OR)
4. a) Explain in detail about test artifacts. 7M
b) Explain the milestone that occurs at the end of the inception phase. 7M
- UNIT-III**
5. a) What are iteration workflows? Explain. 7M
b) Write short notes on cost and schedule estimating. 7M
(OR)
6. a) Describe technical perspective of model-based software architectures. 7M
b) What are the advantages and disadvantages of traditional Work Breakdown Structures? 7M
- UNIT-IV**
7. a) What are the basic characteristics of a good metric? Explain. 7M
b) Explain metrics derivation. 7M
(OR)
8. a) Explain how process automation and change management are critical to an iterative process and how does metric automation become crucial to effective project control. 7M
b) Discuss about quality indicators. 7M
- UNIT-V**
9. a) Explain about Fundamentals of DevOps. 7M
b) Discuss about Agiling capabilities. 7M
(OR)
10. a) Discuss about DevOps adoption in projects. 7M
b) Write about agile methodology. 7M

1 of 1

