



K17P 1059

Reg. No. :

Name :

Sixth Semester M.C.A. Degree (Regular) Examination, July 2017
(2014 Admission)

Elective – VI : MCA6E24 : SOFTWARE PROJECT MANAGEMENT

Time : 3 Hours

Max. Marks : 80

Instructions : Section – A : Answer any ten questions. Each question carries 3 marks.

Section – B : Answer all questions. Each question carries ten marks.

SECTION – A

Answer any 10 questions, each question carries three marks.

1. Explain characteristics of software project.
2. Explain common problems with software projects.
3. Write a note on types of project organization structures.
4. Write a note on types of project plan.
5. Explain project planning objectives.
6. Write a note on elements of a project plan.
7. Write a note on scheduling objectives.
8. Write a note on Milestone Charts.
9. Write a note on Schedule Variance (SV).
10. Write a note on error tracking.
11. Write a note on software quality management.
12. Write a note on software quality indicators.

(10×3=30)

P.T.O.



SECTION – B

Answer **all** questions. **Each** question carries **10** marks.

13. a) Explain in detail Project Life Cycle. 10
OR
b) Explain in detail Software Project Management (SPM) objectives and its framework. 10
14. a) Explain Work Breakdown Structure (WBS) and its types and also list its applications. 10
OR
b) Explain in detail the structure of Software Project Management Plan. 10
15. a) Define software project estimation and explain different estimation techniques. 10
OR
b) Explain the different network diagrams with example. 10
16. a) Define software review and explain its types. 10
OR
b) Explain earned value analysis. 5
c) Explain interpretation of earned value indicators. 5
17. a) Explain in detail risk management process steps. 10
OR
b) Explain the tools and techniques for quality control. 5
c) Explain Risk Breakdown Structure (RBS). 5

(5×10=50)