



K23P 1108

Reg. No. : .....

Name : .....

IV Semester M.C.A. Degree (CBSS – Reg./Supple./Imp.) Examination, May 2023  
(2020 Admission Onwards)  
Stream 6 – Software Engineering  
MCA 4E03 : SOFTWARE PROJECT MANAGEMENT

Time : 3 Hours

Max. Marks : 60

SECTION – A

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

1. Write a note on project constraints.
2. What are the factors considering while designing a project structure ?
3. What is meant by a project plan ?
4. Write various applications of WBS.
5. What is meant by software project estimation ?
6. Write short note on network diagrams in scheduling.
7. Distinguish between CV and SV.
8. What is pair programming ? What are its advantages ?
9. What are software quality indicators ?
10. What do you mean by a risk break down structure ?

(10×2=20)

SECTION – B

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

11. a) Explain project life cycle phases.

OR

- b) Give detailed description about project enabling process and project facilitating process.

P.T.O.



12. a) Briefly explain the structure of a software project management plan.

OR

b) What are the methods for representing WBS ? Explain in detail.

13. a) Explain effort estimation techniques.

OR

b) Explain project scheduling.

14. a) What do you mean by software reviews ? Why it is important ? Discuss the difference between walkthroughs and inspections.

OR

b) What is the purpose of earned value analysis ? Briefly explain the steps to perform earned value analysis.

15. a) Define software quality. Explain the differences between quality assurance and quality control.

OR

b) Define software risks. What are its types ? Explain how a risk management plan is created in a software project.

(5×8=40)