K22P 0053

Reg. No. : ....

Name : ....

VI Semester M.C.A./M.C.A. (Lateral Entry) Degree
(C.B.S.S. – Reg./Supple./Imp.) Examination, May 2022
(2016 to 2019 Admissions)
MCA6E24 : SOFTWARE PROJECT MANAGEMENT

Time : 3 Hours

Max. Marks : 80

SECTION – A

Answer **any ten** questions. **Each** question carries **three** marks.

1. Explain common problems with software projects.

2. Explain project enabling processes.

3. Explain project management cycle.

4. Write a note on types of project plan.

5. Explain the applications of WBS.

6. Explain scheduling objectives.

7. Write a note on activity planning.

8. Write a note on software project estimation.

9. Write a note on Cost Performance Index (CPI).

10. Write a note on error tracking.

11. Write a note on risk monitoring.

12. Write a note on quality assurance.

P.T.O.

SECTION – B

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

13. a) Explain in detail project and process life cycle.   **10**

    OR

    b) i) Explain different project management styles.

    ii) Explain the factors in designing a project structures.   **(5+5)**

14. a) Explain in detail structure of software project management plan.   **10**

    OR

    b) i) Explain the methods of representing WBS.

    ii) Explain steps to define well defined project plan.   **(5+5)**

15. a) Explain in detail building the project schedule.   **10**

    OR

    b) Explain the different network diagrams with example.   **10**

16. a) What is the significance of project monitoring and control ? What are the various dimensions of project monitoring and control ? Does monitoring and control affect the project schedule ? Discuss.   **10**

    OR

    b) i) Explain in detail Earned value analysis.

    ii) Briefly explain code reviews.   **(5+5)**

17. a) Explain in detail software quality management activities.   **10**

    OR

    b) i) Explain the tools and techniques for quality control.

    ii) Define risk and explain its types.   **(5+5)**

_____