K22P 2009

Reg. No. : ....

Name : ....

IV Semester M.C.A. Degree (CBSS – Regular) Examination, May 2022
(2020 Admission)
STREAM6 : SOFTWARE ENGINEERING
MCA4E03 : Software Project Management

Time : 3 Hours

Max. Marks : 60

SECTION – A

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

1. What are the characteristics of a project ?

2. What are the phases in the software development life cycle ?

3. What are the steps involved in step-wise planning ?

4. What are the different methods to represent WBS ?

5. What are the attributes of project cost estimation ?

6. Discuss the network model represented by the CPM network.

7. Discuss the objectives of activity planning.

8. Discuss the steps involved in project control.

9. Briefly explain the need for risk evaluation.

10. Explain the attributes of software quality.

SECTION – B

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

11. A) Give an elaborated note on software project management.

OR

B) Give a detailed note on the project life cycle.

P.T.O.

12. A) Explain the work breakdown structure in detail.

    OR

    B) Elaborate on the structure of a software project management plan.

13. A) Give notes on developing a project budget.

    OR

    B) Explain the network diagrams in activity planning with examples.

14. A) Explain the deciding levels of monitoring elaborately.

    OR

    B) Give notes on the following :
       a) BCWS
       b) Cost Performance Index
       c) Error Tracking.

15. A) What do you mean by software quality ? Give notes on quality planning and the tools and techniques involved in assuring quality control.

    OR

    B) Elaborate on the following :
       a) Software quality indicators
       b) Risk breakdown structure
       c) Tools for risk analysis.