K22P 0301

III Semester M.C.A. Degree (C.B.S.S. – Regular) Examination, November 2021
(2020 Admission)
MCA3C01 : SOFTWARE ENGINEERING

Time : 3 Hours

Max. Marks : 60

SECTION – A

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

1. Discuss the different type of project structure.

2. Illustrate characteristics of software.

3. List and explain different factors that affect quality.

4. Discuss requirements analysis task.

5. What are different types of cohesion ?

6. What are the steps in interface design ?

7. Explain white box testing.

8. Give a detail note on software maintenance.

9. What is encapsulation ?

10. List various object interaction diagrams.

SECTION – B

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

11. a) What are the components of risk analysis ? Explain.

     OR

   b) Write an essay about agile development.

P.T.O.

12. a) Discuss various software review technic.

OR

b) Describe software configuration management.

13. a) Briefly explain Web App design.

OR

b) Briefly explain software architecture.

14. a) Explain fundamentals of software testing.

OR

b) Describe reengineering and reverse engineering.

15. a) Briefly explain UML.

OR

b) Write an essay about object oriented systems.

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