K24P 2021

Reg. No. : ....

Name : ....

III Semester M.C.A. Degree (CBSS – Reg./Supple./Imp.) Examination, November 2024
(2021 Admission Onwards)
MCA3C01 : SOFTWARE ENGINEERING

Time : 3 Hours

Max. Marks : 60

SECTION – A

Answer **all** questions. **Each** question carries **two** marks. (10×2=20)

1. What is software re-engineering ?

2. What is a feasibility study ?

3. What do you mean by data modelling ?

4. What are the different types of user acceptance testing ?

5. What is the difference between the "Known Risks" and "Predictable Risks" ?

6. What are the Objectives of Requirement Analysis ?

7. Define software reliability.

8. What are the problems with Agile methods ?

9. What are the types of software maintenance ?

10. Define cohesion.

SECTION – B

Answer **all** questions. **Each** question carries **eight** marks. (5×8=40)

11. A) Explain the needs and activities of risk management.

OR

B) Explain Cohesion and its various types.

12. A) Explain the various activities in the User interface design process.

    OR

    B) Explain the steps involved in the software development life cycle.

13. A) Explain functional and non-functional requirements.

    OR

    B) Explain the different integration testing approaches.

14. A) Explain the scheduling of software projects.

    OR

    B) Explain in detail about various components of an SRS.

15. A) Explain the important software review techniques.

    OR

    B) Write a note on Class diagrams and Activity diagrams.

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