



K23P 0059

Reg. No. :

Name :

III Semester M.C.A. Degree (CBSS – Reg./Supple./Imp.)
Examination, November 2022
(2020 Admission Onwards)
MCA3C01 : SOFTWARE ENGINEERING

Time : 3 Hours

Max. Marks : 60

SECTION – A

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

1. Define the term software process.
2. Compare proactive and reactive risk management in software engineering.
3. What do you mean by software quality ?
4. Write a note on flow-oriented modelling.
5. Explain the principles of software architectural design.
6. What do you mean by component level design ?
7. Explain the importance of software testing.
8. Write a note on reverse engineering.
9. Define the term polymorphism in software engineering context.
10. What are the uses of object interaction diagram ?

(10×2=20)

P.T.O.



SECTION – B

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

11. A) What is project scheduling ? Explain important processes in project scheduling.

OR

B) Define the term Agile development model. Explain its important principles.

12. A) Explain in detail about various activities in requirement analysis.

OR

B) Define the term software review. List and explain important software review techniques.

13. A) What is cohesion ? Explain in detail about different types of cohesions.

OR

B) Write a detailed note on user interface design.

14. A) Explain in detail about various black box testing strategies.

OR

B) What is software maintenance ? Explain about different categories of software maintenance activities.

15. A) What are the basic principles of object-oriented approach to software design.

OR

B) Write short notes on Class diagram and Activity diagram.

(5×8=40)