



K23U 1113

Reg. No. :

Name :

**IV Semester B.Sc. Degree (CBCSS – OBE – Regular/Supplementary/
Improvement) Examination, April 2023
(2019 Admission Onwards)
CORE COURSE IN COMPUTER SCIENCE
4B05CSC : Software Engineering**

Time : 3 Hours

Max. Marks : 40

**PART – A
(Short Answer)**

Answer **all** questions.

1. What is software process ?
2. Define Program.
3. What is product matrices ?
4. Define Requirement engineering.
5. What is feasibility studies ?
6. What is requirement elicitation ?

(6×1=6)

**PART – B
(Short Essay)**

Answer **any six** questions.

7. Compare product and process.
8. Define increment process model.
9. What is requirement documentation ?
10. What is requirement validation ?

P.T.O.



11. What is coupling ?
12. What is modularity ?
13. What is verification ?
14. What is functional testing ?

(6×2=12)

PART – C
(Essay)

Answer **any four** questions.

15. Discuss the characteristics of a software.
16. What are the types of requirements ?
17. What is design methodology ?
18. What is function-oriented design ?
19. What is Boundary value analysis ?
20. What is equivalence class testing ?

(4×3=12)

PART – D
(Long Essay)

Answer **any two** questions.

21. Explain waterfall model.
22. What are the various steps of requirement analysis ?
23. Explain Object Oriented Design.
24. Write a note on Cyclomatic complexity.

(2×5=10)
