25020287

QP CODE: 25020287

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS)) REGULAR/ IMPROVEMENT/ REAPPEARANCE / MERCY CHANCE EXAMINATIONS, FEBRUARY 2025

Fourth Semester

B.Sc Cyber Forensic Model III

Core Course - CF4CRT11 - SOFTWARE ENGINEERING

2017 Admission Onwards

89574649

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Define Software process in software Engineering.
2. Define Product metrics.
3. Define Evolutionary Process Models.
4. What is negotiation?
5. What is requirement review?
6. Define effort equation.
7. Explain Remote procedure call architecture.
8. What is meant by Actors in Architectural Context Diagram?
9. Define UID.
10. Which types of errors are detected in sofware testing?
11. Which are the four levels of software testing?
12. What is recovery testing?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the importance of software engineering.

14. Describe the essential attributes of good software.

15. What are the tasks performed during analysis and design phase of SDLC?

16. Write the advantages and disadvantages of waterfall model.

17. What are the advantages and disadvantages of incremental model?

18. Which are the problems that makes requirement elicitation difficult and explain?

19. Describe the objectives of software design.

20. State the importance of Architectural ContextDiagram(ACD). Explain various elements in ACD with a neat diagram.

21. What is meant by loop testing?

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Write a brief description about software process and product metrices.

23. How can we select appropriate life cycle models for different projects. Illustrate with examples.

24. Explain about requirement engineering process.

25. Illustrate functional testing.

(2×15=30)