K21U 1112

Reg. No. : .....

Name : .....

IV Semester B.Sc. Degree CBCSS (OBE) Regular Examination, April 2021
(2019 Admission Only)
CORE COURSE IN COMPUTER SCIENCE
4B05CSC : Software Engineering

Time : 3 Hours Max. Marks : 40

PART – A
(Short answer)

Answer **all** questions.

1. What is a test suite ?
2. What is technical feasibility ?
3. What is temporal cohesion ?
4. What is data coupling ?
5. What is bottom up testing ?
6. Define beta test. (6×1=6)

PART – B
(Short essay)

Answer **any six** questions.

7. Define software engineering.
8. Give two characteristics of a good SRS.
9. What is Control Flow Graph ?
10. What is driver and stub ?
11. What is the feature of a highly cohesive module ?
12. What are the functional requirements of a customer ?
13. What is requirements validation procedure ?
14. Define Incremental Process model. (6×2=12)

P.T.O.

PART – C

(Essay)

Answer **any four** questions.

15. Explain the features of spiral model.
16. Compare the different life cycle models.
17. Who are the users of SRS document ?
18. Explain DFD with an example.
19. What are the features of function oriented design ?
20. Explain Boundary Value Analysis. (4×3=12)

PART – D

(Long essay)

Answer **any two** questions.

21. Explain Prototyping.
22. Explain the different requirements gathering methods.
23. Explain OOD.
24. Write notes on System testing. (2×5=10)