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)

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)**

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