K21U 1074

IV Semester B.C.A. Degree CBCSS (OBE) Regular Examination, April 2021
(2019 Admission Only)
Core Course
4B08BCA : SOFTWARE ENGINEERING

Time : 3 Hours

Max. Marks : 40

PART – A
(Short Answer)

Answer **all** questions.

(6×1=6)

1. SDLC stands for

2. What is Slack Time ?

3. Explain Unit Testing.

4. SRS document is formal specification of system. True or False.

5. UML stands for

6. RAD stands for

PART – B
(Short Essay)

Answer **any 6** questions.

(6×2=12)

7. What do you mean by Software engineering ?

8. Differentiate Programs and Products.

9. Discuss the importance of feasibility study in software development.

10. Explain Cohesion and Coupling.

11. Explain Multiple Inheritance.

P.T.O.

12. What is code inspection ?

13. Explain Alpha and beta testing.

14. What is the need of validation ?

PART – C

(Essay)

Answer **any 4** questions.   (4×3=12)

15. Explain different types of Software Development Projects.

16. What is requirement analysis ?

17. Explain main classifications of design activities.

18. Explain different approaches of software design.

19. Advantages of object oriented design.

20. Differentiate verification and validation.

PART – D

(Long Essay)

Answer **any 2** questions.   (2×5=10)

21. Discuss different software life cycle models.

22. Explain different types of testing.

23. Explain importance and objectives of software design.

24. Discuss various steps of requirement analysis.

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