

Reg. No. :

Name :

**IV Semester B.C.A. Degree CBCSS (OBE) Regular/Supplementary/
Improvement Examination, April 2022
(2019 Admission Onwards)**

Core Course**4B08BCA : SOFTWARE ENGINEERING**

Time : 3 Hours

Max. Marks : 40

**PART – A
(Short Answer)**

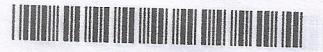
Answer **all** questions :**(6×1=6)**

1. What do you mean by Software ?
2. _____ document is the final outcome of the requirements analysis and specification phase.
3. The GUI part of software system is almost always developed using _____ model.
4. ADT stands for _____
5. RAD stands for _____
6. DFD stands for _____

**PART – B
(Short Essay)**

Answer **any 6** questions :**(6×2=12)**

7. What is functional independence of modules ?
8. What is the main objective of code walk-through ?
9. What do you mean by testing ?
10. Explain control flow graph.
11. What do you mean by feasibility study ?



12. What do you mean by multiple inheritance ?
13. What do you mean by structured programming ?
14. How is the SRS document validated ?

PART – C

(Essay)

Answer **any 4** questions :

(4×3=12)

15. What is the use of software documentation ?
16. Explain importance of standard style of coding.
17. Explain SDLC.
18. Explain main two approaches in software design.
19. What is the role of requirement analysis in software design ?
20. Mention the characteristics of a good software design.

PART – D

(Long Essay)

Answer **any 2** questions :

(2×5=10)

21. Levels of software product testing.
22. Explain different approaches of software design.
23. Characteristics of a good SRS document.
24. Discuss the life cycle of classical waterfall model.