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.

_____