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- 12. What is an Object ?
- 13. What is a test case ?

IV Semester B.C.A. Degree (CBCSS - OBE - Regular) Supplementary/ IsdW 41 Improvement) Examination, April 2023 (2019 Admission Onwards) Core Course 4B08BCA : SOFTWARE ENGINEERING

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15. Discoss make between waterfall model and increment process more a Hours

 What is meant by requirement elicitation? Discuss a in detail.

Short answer. Answer all questions

- 1. What is meant by SRS ? Second worked and worked by second worked and worked by second worked and the second worked by seco
- 2. In ______testing small modules are tested in isolation. a conservation and and share tested in isolation.

3. Risk management is an important feature of ______ model. 20. Briefly explain boundary value analysis

4. Actors are represented as stick figure in _____ diagram.

5. In ______ testing we ignore the internal structure of the code.

Long essay. Answer any 2 questicks. 21. Discuss the characteristics of Soft as comparing it with start of the histware

22. Describe (a) Prototyping model and (b) RAV 10001

23. Write notes on (a) use case diagram and (b) activity diagram.

- 7. State the difference between a program and a software.
- 8. Explain waterfall model.
- 9. What is a prototype ?
- 10. What is meant by context diagram ?
- 11. List out any 4 design notations.

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Cvolomatic Complexity

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12. What is an Object ?	Reg. No. :
13. What is a test case ?	Name :
n, April 2023 (PART	ck box testing and white box testing ?eme? VI (Improvement) Examination Cioission A 2019 Admission
Essay. Answer any 4 questions	Core Course (21=8×4) 4808BCA : SOFTWARE E
15. Discuss the difference between waterfal	model and Increment process model. H & : emiT
16. What is meant by requirement elicitation in detail.	? Discuss any 1 elicitation techniques
17. Explain various steps of requirement an	Short answer. Answer all questions
18. Explain the importance and objectives o	1. What is meant by SRS ?
19. What are the various symbols used in D Level2 diagrams and its importance ?	FD. Explain Level0, Level1 and
20. Briefly explain boundary value analysis	3. Risk management is an important feature of _
PART	 A. Actors are represented as atick if an an an an an atick if an an
eboo ent to endoute le Long essay. Answer any 2 guestions	5. In testing we igeory the cm. (01=5×2)
21. Discuss the characteristics of Software of	6. Explain alpha testing comparing it with that of the hardware.
22. Describe (a) Prototyping model and (b)	RAD model.
23. Write notes on (a) use case diagram and	Short essay. Answer any 6 questions.
24. What is structural testing ? Write notes	7. State the difference between a program and so of the state the state of the stat
Cyclomatic Complexity.	8. Explain waterfall model.
	9. What is a prototype ?
	10. What is meant by context diagram ?
	11. List out any 4 design notations.
P.T.O.	

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 :

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.

ADT stands for _____

- 5. RAD stands for _____
- 6. DFD stands for _____

PART – B (Short Essay)

Answer any 6 questions :

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 ?

(6×2=12)

(6×1=6)

K22U 1510

P.T.O.

K22U 1510

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 :

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 :

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.

(4×3=12)

(2×5=10)

K21U 1074

Reg. No. :

Name :

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.

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.

(6×2=12)

K21U 1074

12. What is code inspection ?

- 13. Explain Alpha and beta testing.
- 14. What is the need of validation ? noiseimbA eres

РАКТ – С PART – C PA

Answer any 4 questions.

- 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 on obsolitoega lamot at themuoob 202 4

PART – D

(Long Essay)

Answer any 2 questions.

21. Discuss different software life cycle models.

- 22. Explain different types of testing.
- 23. Explain importance and objectives of software design. 2 vd nsem boy ob tartW . T
- 24. Discuss various steps of requirement analysis. Or 9 bis among of electronic .8
 - 9. Discuss the importance of feasibility study in software development.
 - 10. Explain Cohesion and Coupl
 - 11. Explain Multiple Inheritance

(2×5=10)

6. RAD stands for

 $(4 \times 3 = 12)$

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2. What is Slack Time ?

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