

Reg. No. : ...

K16U 1845

. 8. What is a boundary value analysis ?

Answer any four of the following questions

V Semester B.Sc. Degree (CBCSS-2014 Admn.-Regular) Examination, November 2016 CORE COURSE IN COMPUTER SCIENCE 5B08CSC : Software Engineering

SECTION-C

Time : 3 Hours

(ST=Ex#)-

Max. Marks: 40

 $(8 \times 0.5 = 4)$

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12 Draw a diagram for pure waterfail life cycle

- 1. One word answer :
 - a) Level 0 DFD is also called
 - b) The degree of interaction between two modules is known as
 - c) Cyclomatic complexity of a flow graph G with n vertices and e edges is
 - d) The relationship of data elements in a module is called
 - e) Boundary value analysis belongs to
 - f) Alpha testing is done at
 - g) FAST stands for
 - h) The spiral model was originally proposed by

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Write short notes on any seven of the following questions :

- 2. Define software engineering.
- 3. What does Level 0 DFD represent? and eliny this yed you'd no action tions eliny
- . 4. What is cyclomatic complexity ?
- 5. What are the fundamental activities of a software process ?
- 6. What are non functional requirements?

 $(7 \times 2 = 14)$

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- 7. Define design process.
- , 8. What is a boundary value analysis?
 - 9. Define Verification.
- 10. Explain the disadvantages of classic life cycle model.
- 11. What are the two levels of testing ? MOO MI 389000 3900

SECTION - C

Answer any four of the following questions :

- 12. Draw a diagram for pure waterfall life cycle.
- ,13. What is coupling ?

Max: Marks : 40

- 14. Give the characteristics of a good design.
- 15. What are the contents we should contain in feasibility report?
- · 16. How to compute the cyclomatic complexity ?
 - 17. What are the steps followed in testing?

SECTION - D

Answer any two of the following questions : (2×5=10)

- 18. Explain the different phases involved in waterfall life cycle.
- 19. Explain Software Requirement Specification.
- 20. What are the different types of Cohesion?
- 21. Write short notes on black box and white box testing. Get GEG Clevel seeb ter Wills

5. What are the fundamental activities of a software process?

6-What are non functional requirements?

What is cyclomatic complexity ?

(4×3=12)

One word answer:

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Alpha testino is done al

The relationship of data elements

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