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Reg. No.

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III Semester B.VOC. (IT) Degree Examination, March - 2021
INFORMATION TECHNOLOGY
CBCS (New Scheme)

Paper BOIT1 -CO23 - 303 - Software Engineering

Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

Answer all the questions.

Section - A

- I. Answer any **Ten** questions. (10×2=20)
1. What are two types of software products?
 2. Define system
 3. Mention two advantages of spiral model.
 4. Define object and class
 5. What is Interface Testing
 6. What is verification ?
 7. Define software quality.
 8. Define reliability.
 9. What are notations used in DFD?
 10. Mention any two software testing characteristics.
 11. Mention any two design principles.
 12. What is COCOMO Model.

Section - B

- II. Answer any **Five** questions.
13. a) Explain Waterfall Model (5)
b) Explain Risk Management. (5)
 14. a) Explain characteristics of SRS (5)
b) Explain DFD with the help of example (5)



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15. a) Explain coupling and cohesion (5)
b) Explain Black Box Testing (5)
16. a) Explain Quality Assurance (5)
b) Explain Validation (5)
17. a) Explain any two design process (5)
b) Discuss design objectives. (5)
18. a) Explain any two software reliability (5)
b) What is Fault tolerance? Explain two approaches to software tolerance (5)
19. Short note on:
- a) Test Planning (5)
b) Verification (5)
20. a) Explain interface design principles (5)
b) Explain debugging process (5)

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