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5398

Register Number:
Name of the Candidate:

B.Sc. DEGREE EXAMINATION, May 2015

(COMPUTER SCIENCE)

(THIRD YEAR)

(PART-III)

350/340: SOFTWARE ENGINEERING

(Common with B.C.A and Double Degree)

Time: Three hours   Maximum: 100 marks

SECTION-A   (8×5=40)
Answer any EIGHT questions

1. What is a process? Explain.

2. Explain the characteristics of a software.

3. What is project planning? Explain.

4. Explain the concept of structured analysis.

5. Explain Interface Design.

6. Give a sketch on Design principles.

7. What is White Box Testing? Explain.

8. What is unit test and integration test? Explain.

9. Give a detailed note on program evolution dynamics.

10. How do you measure maintainability? Explain.

SECTION-B   (3×20=60)
Answer any THREE questions

11. Write short notes on :
    a) Waterfall   (10)
    b) Spiral model.   (10)
12. a)   Explain the project estimation techniques.   (10)

    b)   Describe Data modeling, analysis modeling and functional modelling   (10)

13. Explain the following:
    a) Modular Design   (10)
    b) Procedural Design   (10)
14. a)   Explain the test cases.   (10)

    b)   Give a detailed note on blackbox testing.   (10)

15. a)   Explain software maintenance process.   (10)
    b)   Describe the cost involved in maintenance.   (10)

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