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Register Number:

Name of the Candidate:

B.Sc. DEGREE EXAMINATION December 2014

(COMPUTER SCIENCE)

(THIRD YEAR)

350/340. SOFTWARE ENGINEERING

(Common with B.C.A, DD and LE)

Time: Three hours

Maximum: 100 marks

SECTION – A

(8× 5 = 40)

Answer any EIGHT questions

1. Make a note on Process models.
2. Explain Spiral model.
3. What is Project planning? Explain.
4. Give a study on Data dictionary.
5. Explain Modular Design.
6. Write short notes on Procedural Design.
7. Explain the test cases in Software testing.
8. What is a unit test? Explain.
9. What is System documentation? Explain.
10. Give a detailed study on maintenance cost.

SECTION – B

(3× 20 = 60)

Answer any THREE questions

11. a) Give a detailed note on the characteristics of Software. (10)
b) Explain Waterfall model in detail. (10)
12. a) What is Prototyping? Explain. (10)
b) Explain structured analysis. (10)
13. a) Describe the design principles in detail. (10)
b) What is Data Design? Explain. (10)
14. Write short notes on:
a) White Box testing. (10)
b) Black Box testing. (10)
15. a) Explain the software maintenance process. (10)
b) How do you measure maintainability? Explain. (10)
