

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)
