

Register Number :

Name of the Candidate :

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B.Sc. DEGREE EXAMINATION, 2011

(COMPUTER SCIENCE)

(THIRD YEAR)

(PART - III)

(PAPER -XIX)

340 / 350. SOFTWARE ENGINEERING

*(Common with B.C.A. Lateral Entry
& Double Degree)*

May] [Time : 3 Hours

Maximum : 100 Marks

PART - A (8 × 5=40)

Answer any EIGHT questions.

All questions carry equal marks.

1. Explain waterfall model.

2. What are the various project estimation techniques in software engineering ?

Turn Over

3. What is testing ? Why software testing is needed?
4. Explain about software prototyping with expansion of prototyping.
5. Discuss about black box and white box testing.
6. Discuss about the software maintenance process.
7. Discuss about system documentation.
8. Explain about interface design.
9. What is SRS ? What are its characteristics ?
10. What is milestone ? Why it is been used in software development ?

PART - B (3×20=60)

Answer any THREE questions.

All questions carry equal marks.

11. (a) Discuss about the layered technology. (10)
- (b) Explain 'Boehm's spiral model.' (10)
12. (a) Explain briefly about 'planning and requirement analysis.' (10)
- (b) Write a short note on 'software prototyping.' (10)

13. Explain the strategies approach to software testing issues. (20)
14. Discuss elaborately about the various testing strategies. (20)
15. Write short notes on:
 - (a) Project planning. (5)
 - (b) Unit testing. (5)
 - (c) Program evolution dynamics. (5)
 - (d) Information flow. (5)