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B.Sc. DEGREE EXAMINATION, 2010

(COMPUTER SCIENCE)

(THIRD YEAR)

(PART - III)

(PAPER - XIX)

350 / 340. SOFTWARE ENGINEERING

(Revised Regulations)

(Common with B.C.A. Revised Regulations)

(Including Lateral Entry)

May]   [Time : 3 Hours

Maximum : 100 Marks

PART - A   (8 × 5 = 40)

Answer any EIGHT questions.
All questions carry equal marks.

1. "Software does not wear out". - Why ?

Turn Over

2. Distinguish between the process and the product.

3. Briefly explain data dictionary.

4. What are the techniques involved in software project estimation ?

5. What are the characteristics of a good design?

6. Explain about the procedural design process.

7. Difference between the verification and validation.

8. Discuss about black box and white box testing.

9. Write short notes on maintenance cost.

10. What is system documentation ?

PART - B   (3 × 20 = 60)

Answer any THREE questions.
All questions carry equal marks.

11.(a)   Explain spiral model with merits and demerits.   (10)

(b) With neat sketch, briefly explain the waterfall model.   (10)

12. Write short notes on :

(a) Analysis modeling.   (5)

(b) Data modeling.   (5)

(c) Functional modeling.   (5)

(d) Behaviour modeling.   (5)

13. Discuss about the various parameters associated with design process.   (20)

14. Explain the overall strategy associated with software testing.   (20)

15. Write short notes on software maintenace process.   (20)