Roll No. ......
Printed Pages : 2

1199

BCA / D-19
SOFTWARE ENGINEERING
Paper–BCA– 234

Time allowed : 3 hours]   *[Maximum marks : 80*

*Note :- Attempt five questions in all, selecting one question from each unit in addition to **compulsory Question No.1.***

Compulsory Question

1. (a) What are the limitations of Waterfall model?

    (b) What are the advantages of prototype model?

    (c) What problem arise if two modules have high coupling?

    (d) What is the difference between verification and validation?   4×4=16

Unit–I

2. (a) Describe Iterative Enhancement model.

    (b) In what situation Iterative enhancement model is used?
                                                    (12,4)

3. (a) What is software crisis? What are the reasons for software crisis?

    (b) Explain the term software metric.   (8,8)

Unit–II

4. What are the activities performed in requirement process? Briefly explain them.   16

5. Explain the characteristics of SRS.   16

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(2)

Unit–III

6. (a) What is DFD? What are symbols used for drawing DFD? Explain the rules of drawing DFD.

    (b) Data Dictionary is called structured repository of data. Explain.   (9,7)

7. What is software maintenance? Describe various types of maintenance. Which type requires maximum effort and why?16

Unit–IV

8. How the Scheduling of project is done? Briefly explain overall and detailed scheduling.   16

9. Explain the various levels of testing.   16

1199