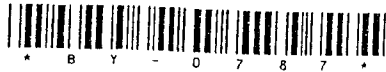


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SE



BY-0787

Seat No. _____

Second ~~Third~~ Year B. C. A. Examination (III)

April / May – 2006

Software Engineering

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशविव निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Seat No. :

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Name of the Examination :
T. Y. B. C. A.

Name of the Subject :
Software Engineering

Subject Code No. :

0	7	8	7
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 Section No. (1, 2,.....) : Nil

Student's Signature

- 1 Answer the following : 10
- (a) Define the term quality function deployment.
 - (b) What do we need to know in order to develop an effective test case?
 - (c) List out some methods used in black box testing.
 - (d) Write down some questions to find out cyclomatic complexity.
 - (e) Which are differences between adaptive and corrective maintenance?
- 2 (a) What three domains are considered during analysis phase of software engineering ? 5
- (b) Explain waterfall model with its limitations and advantages. 10
- OR
- (a) Write a note on characteristics of SRS. 10
- (b) Explain software architecture in your own words. 5
- (c) Explain principles of specifications in detail. 10
- OR
- (a) List out any four technical design aspects and discuss any two of them. 5

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(b) Prepare a DFD for web based order-processing system for a computer store. 10

4 Write notes on : (any three)

- (a) Various types of CASE tools *software*
- (b) Software Quality matrix
- (c) SDLC distribution
- (d) Basis path testing.

15

5 (a) A reliable software is always a quality software". Give some comments on this statement.

5

(b) What is an importance of testing? Explain testing process in detail.

10

OR

(b) Write a note on black box testing.

10