



SB-1445

Second Year B. C. A. (Sem. III) Examination

March / April – 2011

Software Engineering

(New Course)

Time : 3 Hours]

[Total Marks : 70

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B. C. A. (Sem. 3)

Name of the Subject :
Software Engineering (New)

Subject Code No. : **1 4 4 5** Section No. (1, 2,.....): **Nil**

Seat No. :

Student's Signature

- 1 Answer shortly : (any seven) 14
- (1) What is validation ?
 - (2) Explain modelling.
 - (3) Explain detail and system design.
 - (4) What do you mean by problem analysis ?
 - (5) Write about requirement process.
 - (6) Define black box testing.
 - (7) Explain defect, fault and errors.
 - (8) What is integration testing ?

- 2 (a) Explain cohesion and its types. 7
- (b) Explain prototype model. 7

OR

- 2 (a) Explain generic view of software engineering. 7
- (b) Write the limitations of waterfall model. 7

- 3 (a) Explain structure partitioning. 7
- (b) Write on support phase. 7

OR

- (b) Write on testing and explain white box testing. 7

- 4 Short notes : (any three) 15
- (a) Data dictionary
 - (b) Elements of Analysis model
 - (c) Levels of testing
 - (d) System design.
- 5 Answer the following : 13
- Draw Data dictionary and data flow diagram atleast upto 2nd level for hospital management system.
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