



**SB-1445**  
**Second Year B. C. A. (Sem. III) Examination**  
**March / April – 2011**  
**Software Engineering**  
*(New Course)*

Time : 3 Hours]

[Total Marks : 70

**Instruction :**

<p>नीचे दशांशके निशानीवाणी विगतो उत्तरवडी पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : <b>S. Y. B. C. A. (Sem. 3)</b></p> <p>Name of the Subject : <b>Software Engineering (New)</b></p> <p>Subject Code No. : <b>1 4 4 5</b> Section No. (1, 2,.....) : <b>Nil</b></p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; height: 80px; width: 100%; display: flex; align-items: center; justify-content: center; margin-top: 10px;">Student's Signature</div>
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- 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

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**[Contd...**

- 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 2<sup>nd</sup> level for hospital management system.

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