



UA-3735

**Second Year B. C. A. (Sem. III) Examination**  
**March/April – 2012**  
**Software Engineering**

Time : 3 Hours]

[Total Marks : 70

**Instruction :**

नीचे दशांशविक निशानीवाणी विगतो उत्तरवडी पर अवश्य बपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="S. Y. B. C. A. (Sem. 3)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Software Engineering"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="3"/> <input type="text" value="5"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....) : <input type="text" value="NIL"/>	

- 1 Answer in short : (any seven) 14
- (a) Define Software Engineering.
  - (b) Explain Integration testing.
  - (c) Explain DFD.
  - (d) What do you mean by problem analysis ?
  - (e) Explain defect, fault and errors.
  - (f) What are the umbrella activities ?
  - (g) What is bubble chart ?
  - (h) List out different components of SRS.
- 2 (a) Explain testing objectives its advantages and disadvantages. 7
- (b) Explain three management and customer myths. 7
- OR**
- (a) Explain coupling. 7
  - (b) Explain design principles. 7
  - (c) Explain elements of analysis model. 5



3 (a) Explain structure partitioning. 6

OR

(a) Limitations of water fall model. 6

(b) Explain different level of testing. 5

4 : Explain (any three) 15

(a) Functional Testing

(b) Elements of analysis model

(c) System design

(d) DFD including levels.

5 Draw data flow diagram up to 2<sup>nd</sup> level and create data dictionary for air line reservation system. 11

14

Answer in short (any seven)

(a) Define Software Engineering.

(b) Explain integration testing.

(c) Explain DFD.

(d) What do you mean by problem analysis?

(e) Explain defect, fault and errors.

(f) What are the umbrella activities?

(g) What is bubble chart?

(h) List out different components of SRS.

(a) Explain testing objectives its advantages and disadvantages.

(b) Explain three management and customer myths.

OR

(a) Explain coupling.

(b) Explain design principles.

(c) Explain elements of analysis model.

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[2200]