



UA-3735
Second Year B. C. A. (Sem. III) Examination
March/April – 2012
Software Engineering

Time : 3 Hours]

[Total Marks : 70

Instruction :

<p>नीचे दृशविले निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : S. Y. B. C. A. (Sem. 3)</p> <p>Name of the Subject : Software Engineering</p> <p>Subject Code No. : 3 7 3 5 Section No. (1, 2,.....): NIL</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; padding: 10px; text-align: center; width: 100%;">Student's Signature</div>
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- 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 2nd level and create data dictionary for air line reservation system. **11**
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