



AC-3752
Second Year B. C. A. (Sem. IV) Examination
March/April – 2015
Paper - 402 : Software Engineering - II

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

<p>नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : ← SECOND YEAR B. C. A. (SEM. IV)</p> <p>Name of the Subject : ← PAPER - 402 : SOFTWARE ENGINEERING - II</p> <p>← Subject Code No. : 3 7 5 2 ← Section No. (1, 2,...): Nil</p>	<p>Seat No. :</p> <table border="1" style="width: 100%; height: 20px;"><tr><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td><td style="width: 15%;"></td></tr></table> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; margin-top: 10px;">Student's Signature</div>						

- (2) Figures on the right indicate marks.
(3) Make assumption whenever necessary.

1 Answer in short: (Any seven) 14

- (1) What is data conversion?
- (2) Explain code design.
- (3) What is error and fault?
- (4) Give disadvantage of modular programming.
- (5) What is a sequence?
- (6) What is a candidate system?
- (7) Define logical cohesion and procedural cohesion.
- (8) Explain the term hash total and sequence check.

2 Answer the following: (Any two) 14

- (1) Discuss the needs of documentation in system analysis and design.
- (2) Give advantages and disadvantages of modular programming.
- (3) What is DFD? Give its utility.

- 3** Answer the following: **(Any two)** **14**
- (1) Explain direct and pilot conversion.
 - (2) Explain logical and physical design.
 - (3) Explain system testing.
- 4** Answer the following: **(Any two)** **14**
- (1) Explain testing process with diagram.
 - (2) Define input design.
 - (3) Short note on user manual and conversation.
- 5** (1) Draw System Flow Diagram for Online Banking System. **10**
- (2) Develop the Data Dictionary for the same. **4**
- OR**
- (1) Draw System Flow Diagram for Online Shopping System. **10**
- (2) Develop the Data Dictionary for the same. **4**
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