

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)

नीचे इसविषय निशानवाणी विमता उत्तरपत्री पर अग्रय कभवी. Fillup strictly the details of signs on your answer book.		Seat No. :
Name of the Examination :		<input type="text"/>
SECOND YEAR B. C. A. (SEM. IV)		<input type="text"/>
Name of the Subject :		<input type="text"/>
PAPER - 402 : SOFTWARE ENGINEERING - II		<input type="text"/>
Subject Code No. :	<input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="5"/> <input type="text" value="2"/>	Section No. (1, 2.....) :
		<input type="text" value="Nil"/>
		Student's Signature

(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.

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[Contd...

3 Answer the following: (Any two)

- (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

10

(2) Develop the Data Dictionary for the same. 4

4

OR

(1) Draw System Flow Diagram for Online Shopping System. 10

10

(2) Develop the Data Dictionary for the same. 4

4