



MA-3752

Second Year B. C. A. (Sem. IV) Examination

September/October – 2015

Paper - 402 : Software Engineering - II

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दशांशविक <input type="checkbox"/> निशानीवाणी विगतो उत्तरवही पर अवश्य लखवी. Fillup strictly the details of <input type="checkbox"/> signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="checkbox"/> SECOND YEAR B. C. A. (SEM. IV)	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="checkbox"/> 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"/>	<input type="text"/>
	Student's Signature

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

1 Answer in short: (Any seven) 14

- (1) State the design principles of output design.
- (2) Define system maintenance.
- (3) What is decision table ?
- (4) What is fault and failure ?
- (5) What is data verification ?
- (6) What is RFP ?
- (7) List all types of modules.
- (8) What is physical design ?

2 Answer the following: (Any two) 14

- (1) Explain logical codes, hierarchical codes and significant codes.
- (2) What is flow diagram ? Give its utility in system development.
- (3) What is structure chart, how it is different from flowchart?

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[Contd...

- 3 Answer the following: (Any two) 14**
- (1) What is the goal of input design and output design ?
 - (2) Distinguish between coupling and cohesion.
 - (3) Define data validation. Give its objectives.
- 4 Answer the following: (Any two) 14**
- (1) Need of documentation in system analysis and design. Discuss
 - (2) Explain direct and pilot conversion.
 - (3) Distinguish parallel processing and system testing.
- 5 (1) Draw a System Flow Diagram for Online Admission System. 10**
- (2) Develop the Data Dictionary for the same. 4**
- OR**
- (1) Draw a System Flow Diagram for Payroll System. 10**
- (2) Develop the Data Dictionary for the same. 4**
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