



RD-3555

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

October / September - 2018

Paper - 402 : Software Engineering - II

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दशावेक निशानीवाणी विगतो उत्तरवही पर अवश्य दायवी. Fillup strictly the details of signs on your answer book.		Seat No. : <table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						
Name of the Examination : S. Y. B. C. A. (SEM. IV)		<table border="1"><tr><td colspan="2">Student's Signature</td></tr></table>	Student's Signature					
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Name of the Subject : PAPER - 402 : SOFTWARE ENGINEERING - II								
Subject Code No. : <table border="1"><tr><td>3</td><td>5</td><td>5</td><td>5</td></tr></table> Section No. (1, 2,) : <table border="1"><tr><td>NIL</td></tr></table>		3	5	5	5	NIL		
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- 1 Answer the following in short : 14
- (1) "If data input is bad then output is worse". Justify the statement.
 - (2) Explain HIPO chart.
 - (3) Define Mnemonic and Acronym code.
 - (4) "Software development is constructive activity while software testing is destructive activity": Justify.
 - (5) Define the term: UML
 - (6) Explain Importance of fact finding technique while gathering requirements.
 - (7) Define term : Application Change Management.

- 2 Answer the following : (any two) 14
- (1) Explain Output design.
 - (2) Explain Input Design.
 - (3) Explain Decision table with its advantages and disadvantages.

- 3 Answer the following : (any two) 14
- (1) Explain the needs of documentation in system analysis and design.
 - (2) What are flowcharts ? Explain System Outline Chart and System Flow Chart.
 - (3) Explain Code design in detail.
- 4 Answer the following : (any two) 14
- (1) Explain Top-Down and Bottom-Up testing.
 - (2) Explain System testing.
 - (3) Write a note on User training.
- 5 (i) Draw a System Flow Diagram for University Payroll System. 10
- (ii) Develop the Data dictionary for the same. 4
- OR**
- (i) Draw a System Flow Diagram for Student Result Processing System. 10
- (ii) Develop the Data dictionary for the same. 4
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