



**RD-3752**

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

**March / April - 2017**

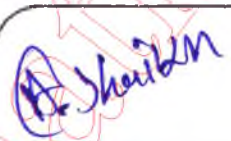
**402 - Software Engineering - II**

*(New Course)*

Time : 3 Hours]

[Total Marks : 70

**Instruction :**

नीचे इशारेकेव निशानीवाणी विगतो उत्तरवकी पर अवश्य करववी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	0 0 2 8 1 4
SECOND YEAR B. C. A. (SEM. 4)	 Student's Signature
Name of the Subject :	
402 - SOFTWARE ENGINEERING - 2	
Subject Code No. : 3 7 5 2	Section No. (1, 2.....) : NIL

1 Answer the following in short : 14

- (1) "Testing is the mandatory phase for development of software" Justify the statement.
- (2) Define Acronym and Mnemonic code.
- (3) What is the meaning of Transposition error ?
- (4) Is fact finding technique must while gathering requirements ? Justify.
- (5) What is decision table ?
- (6) Justify the statement "Principle of starting with output".
- (7) Dfine term : Faceted code.

2 Answer the following : (any two) 14

- (1) Explain Code Design.
- (2) Expain Input Design.
- (3) What is documentation ? Why we need it ? Give its types.

- 3 Answer the following : (any two) 14
- (1) What are flowcharts ? Explain System Outline Chart  
System Flow Chart.
- (2) Explain Black box and White box testing.
- (3) Explain Unit Testing in detail.
- 4 Answer the following : (any two) 14
- (1) Explain direct and pilot conversion.
- (2) Write a note on User training.
- (3) What is UML ? Explain Use Case diagram in detail.
- 5 (i) Draw a System Flow Diagram for University Library System. 10
- (ii) Develop the data dictionary for the same. 4
- OR
- 5 (i) Draw a System Flow Diagram for student attendance system. 10
- (ii) Develop the Data dictionary for the same. 4
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