



ED-3752

Second Year B. C. A. (Sem. IV) Examination
October/November – 2016
402 : Software Engineering - II
(New Course)

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दृष्टावित निशानीवाणी विगत उत्तरवही पर अवश्य लपवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
SECOND YEAR B. C. A. (SEM. IV)

Name of the Subject :
402 : SOFTWARE ENGINEERING - II

Subject Code No. **3 7 5 2** Section No. (1, 2, ...): **Nil**

Seat No. :
7 0 5

Bath
Student's Signature

1 Answer in short : 14

- (1) Explain V&V in software testing.
- (2) Explain Error, Fault and Failure.
- (3) Define Mnemonic code.
- (4) Explain faceted code.
- (5) What is the difference between HIPO and Warnier-orr Chart?
- (6) Define the term: UML
- (7) Explain Software development is constructive activity while software testing is destructive activity.

2 Answer the following : (Any Two) 14

- (1) Explain Input design.
- (2) Explain System testing in detail.
- (3) Explain the needs of documentation in system analysis and design.

- 3** Answer the following : (Any Two) **14**
- (1) Explain Black box and White box testing in detail.
 - (2) What is Decision table? Write advantages and disadvantages of decision table.
 - (3) What are flowcharts? Explain different types of flowcharts.
- 4** Answer the following : (Any Two) **14**
- (1) Explain direct and pilot conversion.
 - (2) Explain Code design.
 - (3) Explain Top-Down and Bottom-Up testing approach in detail.
- 5** (i) Draw a System Flow Diagram for Payroll System. **10**
- (ii) Develop the data Dictionary for the same. **4**
- OR**
- (i) Draw a System Flow Diagram for Online Shopping System. **10**
- (ii) Develop the data Dictionary for the same. **4**
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