



G-3752
Second Year B. C. A. (Sem. IV) Examination
September/October – 2014
402 : Software Engineering - II

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे इशारेके निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
S. Y. B. C. A. (SEM. 4)

Name of the Subject :
402 : SOFTWARE ENGINEERING - 2

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

Seat No. :

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Student's Signature

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

Q-1 Answer in short: (Any seven) (14)

1. Define input design.
2. What is decision table?
3. Define coupling and cohesion.
4. What is "batch total"?
5. What is data validation?
6. What is Alpha Testing?
7. Explain error, fault, failure.
8. Define faceted code.

Q-2 Answer the following: (Any two) (14)

1. Explain the principles of output design.
2. Explain module and sequence with appropriate figures.
3. Write about data coupling.

Q-3 Answer the following: (Any two) (14)

1. What is the goal of input design and output design?
2. What is structure chart, how it is different from flowchart?
3. Define data validation. Give its objectives.

Q-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.

Q-5

1. Draw a System Flow Diagram for Online Shopping System. (10)
2. Develop the Data Dictionary for the same. (4)

OR

1. Draw a System Flow Diagram for Hospital Management System. (10)
2. Develop the Data Dictionary for the same. (4)
