



N-1487

Third Year B. C. A. (Sem. V) Examination
October/November – 2011
Information System Application Development
(New Course)

Time : 3 Hours]

503

[Total Marks : 70

Instructions

(1)

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

Name of the Examination :
T. Y. B. C. A. Sem. V

Name of the Subject :
Information System Application Development (New)

Subject Code No. : 1 4 8 7 Section No. (1, 2, ...): Nil

Seal No. : [] [] [] [] [] []

Student's Signature

(2) Draw figure wherever necessary.

1 Answer in short : (any seven)

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- (i) What is record review ?
- (ii) Explain Action and Record Form with example.
- (iii) Define Deterministic and Probabilistic system with example.
- (iv) Explain Backup and Library Files.
- (v) What is Alpha Testing ?
- (vi) Why perfective maintenance is done on the system ?
- (vii) What is Data Coupling ?
- (viii) Explain Faceted and Mnemonic Codes.
- (ix) Define Black Box.

2 (a) Comment on "System Analyst acts like a bridge

7

between a customer and software development team..

(b) What is Testing ? Explain the steps taken in system

8

testing that lead to user acceptance for the system.

OR

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[Contd...

- 2 (a) What is Structure Chart ? Explain the following terms along with suitable example : 7
- (i) Linking Modules
 - (ii) Library Modules
 - (iii) Selection and Decision in structure chart.
- (b) Explain principle of output design. Also state various output consideration to be kept in mind while designing output interface for the user. 8
- 3 Attempt any two : 16
- (a) What is code ? Explain with in detail various Collating code along with suitable example.
 - (b) Define System. Explain in detail general model of system.
 - (c) Why system maintenance is needed ? Also state various types of system maintenance.
- 4 Write a note on any three : 15
- (a) Decision Table
 - (b) Data Validation
 - (c) System Flowchart
 - (d) User Training
- 5 Prepare System flowchart for Payroll Management System. 10
Also describe module description for the same.
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