



BB-1899

Third Year B.C.A. (Sem. VI) Examination

October / November – 2010

Information Systems & Application Development

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दशांशवैक 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. 6)

Name of the Subject :
Information Systems & Application Development

Subject Code No. : 1 8 9 9 Section No. (1, 2,....) Nil

Seat No. : [] [] [] [] [] [] [] []

Student's Signature

- 1 Answer any eight : 16
- (a) Define mnemonic code.
 - (b) Explain code design
 - (c) What is reliability?
 - (d) What is decision table?
 - (e) What is partitioning?
 - (f) What is "Batch Total"?
 - (g) Give the disadvantage of modular programming.
 - (h) Define Error, fault and failure.
 - (i) What is a sequence?
- 2 Any three : 12
- (a) List all principles of coupling.
 - (b) Explain requirement analysis.
 - (c) Explain data validation in detail
 - (d) Explain Elements of system.
- 3 Any two: 12
- (a) Explain module and sequence with appropriate figures.
 - (b) Draw system flow diagram for online shopping.
 - (c) Explain in detail feasibility study and requirement analysis.

- 4 Any three:
- (a) Explain User Interface design with example.
 - (b) Explain testing process with diagram.
 - (c) Explain LDFD.
 - (d) Explain brain storming technique.
- 5 (a) Draw structure chart and DFD for insurance system. 8
(b) Explain SDLC. 7

OR

- (b) Explain in detail the importance of user training and types of change over.