



R-1893-R

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

February – 2010

Information Systems & Applications Development

Time : 3 Hours]

[Total Marks : 70

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
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 & Applications Development

Subject Code No. : **1 8 9 3** Section No. (1, 2,.....) : **Nil**

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

Student's Signature

- 1 Answer any eight : 16**
- Define coupling.
 - List all types of modules.
 - What is a feedback ?
 - Explain chronological code with example.
 - What is physical design ?
 - Define term project proposal.
 - Give the difference between fault and failure.
 - What is data conversion ?
 - What is record review ?
- 2 Any three : 12**
- Write about data coupling.
 - State advantage and disadvantage of HIPO.
 - Give the purpose of feasibility study.
 - What is DFD ? Give its utility in system development.

- 3** Any **two** : **12**
- (a) Write a note on system requirement analysis.
 - (b) Describe general model of a system.
 - (c) Give the advantage and disadvantage of decision table.
- 4** Any **three** : **15**
- (a) What is the goal of input design and output design ?
 - (b) What is a structure chart, how it is different from flowchart ?
 - (c) Define data validation. Give its objectives.
 - (d) Short notes on user manual and conversation.
- 5** (a) Draw structure diagram for inventory system. **8**
You are required to provide requirement analysis and module description.
- (b) What is documentation, why we need it ? **7**
Give its types.

OR

- (b) What is testing, why it is needed ? Give its types. **7**
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