

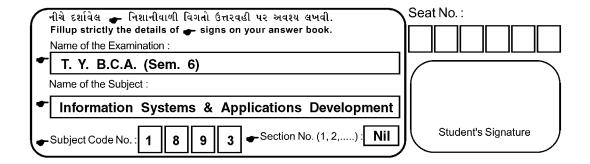
R-1893-R

Third Year B.C.A. (Sem. VI) Examination February – 2010

Information Systems & Applications Development

Time: 3 Hours [Total Marks: 70

Instruction:



1 Answer any eight:

16

- (a) Define coupling.
- (b) List all types of modules.
- (c) What is a feedback?
- (d) Explain chronological code with example.
- (e) What is physical design?
- (f) Define term project proposal.
- (g) Give the difference between fault and failure.
- (h) What is data conversion?
- (i) What is record review?

2 Any three:

12

- (a) Write about data coupling.
- (b) State advantage and disadvantage of HIPO.
- (c) Give the purpose of feasibility study.
- (d) 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:	l 5
	(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. You are required to provide requirement analysis and module description.	8
	(b)	What is documentation, why we need it? Give its types.	7
		OR	
	(b)	What is testing, why it is needed? Give its types.	7