



Seat No. : _____

XW-118

April-2013

Five Years M.Sc. (CA & IT) Integrated (K.S.)

(Sem.IV) SY M.Sc.

System Analysis, Design and Modelling

Time : 3 Hours]

[Max. Marks : 100

1. Answer any **four** : **20**
 - (1) Explain different categories of Information System with examples.
 - (2) What are techniques for finding the facts for developing information system, explain each with example ?
 - (3) What are different committees for selecting project ?
 - (4) What is the role of system analyst for developing system ?
 - (5) Explain SDLC for system development.

2. Answer the following : (any **five**) **20**
 - (1) Give example of structure English and explain it use.
 - (2) Explain when to use decision tree and give example.
 - (3) What are automated tools explain one in detail ?
 - (4) What are objectives while translating Requirements into Designing ?
 - (5) Explain different graphical methods as output of system with examples.
 - (6) What is a CASE tool in detail ?

3. Answer the following : (any **four**) **20**
 - (1) What are different coding methods ?
 - (2) Explain data dictionary.
 - (3) What are objectives for system development ?
 - (4) What are the factors for designed the system explain two of them ?
 - (5) What are different types of output ?
 - (6) Explain Transaction Validation.

4. Write short notes on (any **five**). **20**
 - (1) HIPPO testing methods
 - (2) Transaction Files
 - (3) Turnaround Documents
 - (4) Hash Addressing
 - (5) Hardware selection
 - (6) Data flow diagram
 - (7) Testing methods

5. Answer the following in detail : (each **one** mark)
- (1) Business is not the system ? (True / False)
 - (2) Structured analysis follows top down process. (True / False)
 - (3) CASE TOOL is not the automated tool. (True / False)
 - (4) Data flow diagram shows only physical data movement. (True / False)
 - (5) Fourth generation language include only Procedural elements. (True / False)
 - (6) Prototype is live but not working application. (True / False)
 - (7) Sequence test can point out missing items. (True / False)
 - (8) Transaction system are also called _____.
 - (9) CASE stands for _____.
 - (10) HIPO stand for, _____.
 - (11) Fact finding technique include _____, _____, _____, _____.
 - (12) Three tools for documenting the procedures, _____, _____, _____.
 - (13) Notation of data flow diagram has two types, _____, _____, _____.
 - (14) Third generation language is _____.
 - (15) Automated tools are, _____, _____, _____.
 - (16) Types of business graphic, _____, _____, _____.
 - (17) Data coding methods are _____, _____, _____.
 - (18) Type of files are _____, _____, _____, _____, _____.
 - (19) Coupling is strength of relationship between, _____.
 - (20) Type of information system are, _____, _____, _____.
