Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   **Total No. of Pages : 02**

Total No. of Questions : 07

BCA (Sem.–2)
SYSTEM ANALYSIS AND DESIGN
Subject Code : BC-202   (2007 to 2010 Batch)
Paper ID : [B0206]

Time : 3 Hrs.   **Max. Marks : 60**

INSTRUCTION TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains SIX questions carrying TEN marks each and students has to attempt any FOUR questions.**

SECTION-A

l. Write briefly :

a. What is meant by System Analysis and Design?

b. What is DFD?

c. What is Data Dictionary?

d. What is decision tree?

e. Explain the use of questionnaires as an aide for information collection.

f. What is use of decision tables?

g. What is role of maintenance in System Development Life Cycle?

h. What do you think are three common mistakes that novice analysts make in developing documentation?

i. What are various elements that are to be considered while drawing up a contract between Vendors and Buyers? Explain them.

j. What is alpha and beta testing?

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SECTION-B

2. The different types of feasibility are examined as part of any feasibility study. Explain.

3. What is input design? What are the various methods of input design?

4. Explain SDLC.

5. Draw the DFD for the Student Evaluation System. Make your own assumption about the system.

6. Write note on the following :

   a) Write Box & Black Box Testing

   b) Principles of System Testing

7. What are primary & secondary data gathering tools ? Explain the difference between interview, questionnaires and observations.