

Roll No.

Total No. of Questions : 13]

[Total No. of Pages : 02

Paper ID [A0207]

(Please fill this Paper ID in OMR Sheet)

BCA (202) B.Sc.(IT) (304) (Old/New) (Sem. - 2nd)

SAD

Time : 03 Hours

Maximum Marks : 75

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Nine** questions from Section - B.

Section - A

Q1)

(15 × 2 = 30)

- a) What is the difference between schematic and static system models?
- b) What is system?
- c) List the parts and functions of business school or department.
- d) Distinguish between initial investigation and feasibility study.
- e) What is meant by prototyping?
- f) What is decision tree?
- g) Define data item.
- h) In what respect is interviewing an art.
- i) What are open-ended questions?
- j) What is the difference between strategic and operational planning?
- k) Distinguish between logical and physical design.
- l) What is audit trail?
- m) Why do we test a system?
- n) Distinguish between string testing and system testing.
- o) What is file?

Section - B**(9 × 5 = 45)**

- Q2)** Discuss the primary characteristics of open system.
- Q3)** What is system model? Explain different system models with example.
- Q4)** What is system development life cycle? How does it relate to system analysis?
- Q5)** Explain different types of feasibility analysis.
- Q6)** Explain different basic rules relevant to constructing a DFD.
- Q7)** What advantages does a data dictionary offer in the area of documentation?
- Q8)** Explain briefly the procedure used to construct questionnaires.
- Q9)** Why is it difficult to determine user requirements? Explain.
- Q10)** Explain the advantages of top down design.
- Q11)** Explain different access methods on files.
- Q12)** List and describe the factors that affect the quality of a system.
- Q13)** What is implementation? How does it differ from conversion? Explain.

