

S.B. Roll No.....

SYSTEM ANALYSIS & DESIGN
3rd Exam/Comp/IT/CSE/0621/Nov'18

Duration: 3Hrs.

M.Marks:75

SECTION-A

Q1. Fill in the blanks.

10x1.5=15

- a. A data in motion is represented by _____.
- b. SDLC stands for _____.
- c. DFD stands for _____.
- d. _____ is a tabular method for describing the logic of the decisions to be taken.
- e. The first step in systems Development Life Cycle is _____.
- f. Error report is an example of _____. (Output Process/ Input Process).
- g. Input, process and Output are three components of every system. (T/F)
- h. The _____ symbol is used in a flowchart to represent a calculation task.
- i. Decision trees are simple to understand and interpret (T/F)
- j. MIS stands for _____.

SECTION-B

Q2. Attempt any five questions.

5x6=30

- i. Define system. What are basic components of system?
- ii. Differentiate between decision table and decision tree.
- iii. Define maintenance? Explain its various types.
- iv. Explain the steps involved in Project selection.
- v. Write short note on Data Dictionaries.
- vi. What is DFD? Explain various symbols used in DFD.
- vii. Discuss Cost and Benefit analysis.

SECTION-C

Q3. Attempt any three questions.

3x10=30

- a. What is SDLC? List and explain the various phases of SDLC.
- b. What is testing? Explain various types of testing techniques in detail.
- c. Discuss various Quality Factors.
- d. What is feasibility study? Explain technical, economic and behavioral feasibility study.