

B.Sc. - II (Information Technology) (CBCS Pattern) Semester-III
UBITT305 - Paper-V - System Analysis & Design

P. Pages : 2

Time : Three Hours



GUG/S/25/10931

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram and use supporting data wherever necessary.
 3. Avoid vague answer and write specific answer related to questions.

Either:

1. a) Define System. Explain the elements of the System. 4
- b) Explain the System Development Life Cycle in brief. 4

OR

- c) Explain the role of System Analyst in detail. 4
- d) Explain the concept of Multifaceted Role of the System Analyst. 4

Either:

2. a) What are the sources of information gathering? Explain in details. 4
- b) State the advantages and disadvantages of questionnaire in detail. 4

OR

- c) What is decision table? List the various elements of decision table. 4
- d) What do you mean by feasibility study explain in detail. 4

Either:

3. a) Explain Cost and Benefit Analysis in brief. 4
- b) Explain the various principles of input design. 4

OR

- c) Explain the process of Design in brief. 4
- d) What is form? Explain the factors which should be considered in form design. 4

Either:

4. a) What is file Organization? Explain factors affecting in file organization. 4

- b) Explain the levels of Quality Assurance in brief. 4

OR

- c) What is Documentation? Explain the Design and Technical Documentation in detail. 4

- d) Explain the Role of Data Processing Auditor in brief. 4

5. Solve all the questions.

- a) Write a short note on System Prototyping. 2

- b) Write a short note on Data Flow Diagram. 2

- c) What do you mean by modularization? 2

- d) Explain the Marketing Documentation in brief. 2
