

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

P. Pages : 2

Time : Three Hours



GUG/W/24/10931

Max. Marks : 40

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- Notes :
1. All question are compulsory and carry equal marks.
 2. Draw neat & labelled diagram whenever necessary.
 3. Avoid vague answers and write answer relevant & specific to question only.

Either:

1. a) Explain the rising position in system development. 4
- b) Explain multifaceted role of analyst. 4

OR

- c) What do you mean by man-made system? Explain in detail. 4
- d) Explain SDLC? Explain stages of SDLC in brief. 4

Either:

2. a) Explain the importance of Data dictionary. 4
- b) What are the objective of pre-liminary investigation phase? 4

OR

- c) Explain the feasibility study in details. 4
- d) Explain the any two tools of structured analysis in details. 4

Either:

3. a) Describe the cost and benefits analysis in details. 4
- b) Define system design? Explain the form design in details. 4

OR

- c) Explain in details about input design. 4
- d) Explain the modularization in details. 4

Either:

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| 4. | a) | Explain the role of data processing. | 4 |
| | b) | Discuss about the data structure in details. | 4 |

OR

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|-----------|----|---|----------|
| | c) | Explain the file structure and file organization in detail. | 4 |
| | d) | Explain the user documentation and marketing documentation. | 4 |
| 5. | | Solve all the question. | |
| | a) | Write a short note on electronic of the system. | 2 |
| | b) | What are Pros and Cons tools of structured analysis. | 2 |
| | c) | Write a short note on process of output design. | 2 |
| | d) | What is Quality assurance in the system. | 2 |
