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

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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 points/answers related to questions.

1.   EITHER.

a)   What is system? Explain different characteristic of system.   **4**

b)   How do you explain Rising position in system development.   **4**

OR

c)   Explain system Development life cycle in detail.   **4**

d)   Explain Multi-Faceted Role of the Analyst in detail.   **4**

2.   EITHER.

a)   Explain the feasibility study in detail.   **4**

b)   What are the various information Gathering methods.   **4**

OR

c)   Explain the tools of structured analysis in detail.   **4**

d)   Explain the system performance definition in brief.   **4**

3.   EITHER.

a)   What is cost Benefit Analysis? Explain Direct or Indirect and fixed or variable cost and Benefits.   **4**

b)   Explain input Design and output Design in details.   **4**

OR

c)   What is form? Explain different types of form.   **4**

d)   What are different Audit considerations taken for system design?   **4**

4. EITHER.

a) What is file organization? Explain the data structure for file design. **4**

b) Distinguish between user documentation and technical documentation. **4**

OR

c) Explain the roles of DBA in detail. **4**

d) Describe the Quality Assurance with levels of quality assurance. **4**

5. Solve all the questions.

a) Explain prototyping in detail. **2**

b) Explain the base for planning in system analysis. **2**

c) What is data flow diagram? Explain different symbols of DFD with example. **2**

d) Explain outline documentation in details. **2**

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