

B.C.A.- II (CBCS Pattern) Semester-III
UBCAT304 - Paper-IV - System Analysis & Design

P. Pages : 2

Time : Three Hours



GUG/S/25/11760

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 answers and write specific answers related to question.

Either :

1. a) Define system? Explain various elements of system. 4
b) What do you mean by prototyping in SDLC? Explain in detail. 4

OR

- c) What are the different roles of an analyst need to play for successful system analysis. 4
d) Write a note on Analyst / user Interface. 4

Either :

2. a) Write a detail note on Questionnaire as data collection technique. 4
b) List the various elements of DFD? Give an example on a DFD. 4

OR

- c) What are the major purpose of feasibility study? Explain. 4
d) Describe system analysis planning approach in detail. 4

Either :

3. a) What do you mean by cost benefit Analysis. 4
b) Explain the process of system design. 4

OR

- c) Write a note on design methodology of system design. 4
d) What is output design? Why it is important? 4

Either :

4. a) What do you mean by file organization? What are the factors affecting the file organization. 4
b) Enlist and explain the various roles of a Data processing Auditor. 4

OR

- c) Write a note on following 4
- 1) Technical Documentation
 - 2) Online Documentation.
- d) Define testing and state the objective of system testing. 4

5. Solve all questions.

- a) What are the advantages and disadvantages of SDLC? 2
- b) Differentiate between structured and unstructured interview. 2
- c) List the various guidelines to be consider for Input design. 2
- d) Describe levels of quality assurance. 2
