UBCAT304 - Paper-IV : System Analysis & Design

P. Pages : 2

Time : Three Hours

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GUG/S/23/11760

Max. Marks : 40

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Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and labelled diagrams wherever necessary.
3. Avoid vague answers and write answers relevant and specific to questions only.

Either:

1. a) What is system? Explain the characteristics of a system? **4**

b) Explain seven stages of SDLC? **4**

OR

c) What is meant by system analyst? Explain the role in the system development. **4**

d) Explain the multifaceted role of the analyst. **4**

Either:

2. a) What are the sources of information gathering? Explain in details? **4**

b) Define decision table. List the various elements of decision table. **4**

OR

c) What do you mean by feasibility study? Explain in detail. **4**

d) Explain the importance of Data Dictionary. **4**

Either:

3. a) What do you mean by cost and benefit analysis? **4**

b) What do you mean by input design? And explain its principle also. **4**

OR

c) Define process design? Explain different phases of process design. **4**

d) Explain the factors of output design in detail. **4**

Either:

4. a) Explain the following terms with suitable example. **4**
   i) Database System.
   ii) Database Management System.

b)   Define testing and state the objective of system testing.   **4**

OR

c)   Explain quality assurance and levels of quality assurance.   **4**

d)   What is documentation? List the type of documentation?   **4**

5.   Attempt all the questions.

   a)   Write a short note on types of system.   **2**

   b)   What is the purpose of DFD?   **2**

   c)   List the advantages and disadvantages of modularization.   **2**

   d)   Explain various types of file organization.   **2**

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