

Bachelor of Computer Application (B.C.A.-II) Third Semester (Old)
BCA234 - System Analysis and Design Paper - IV

P. Pages : 2

Time : Three Hours



GUG/W/18/1108

Max. Marks : 80

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

- 1.** Either :
- a) Explain the element of the system? **8**
 - b) Describe rising position in system development. **8**
- OR**
- c) Explain the system development life cycle in detail. **8**
 - d) Explain the analyst and user interface. **8**
- 2.** Either :
- a) What is initial/preliminary investigation? Why it is necessary. **8**
 - b) What is feasibility study? Explain in detail. **8**
- OR**
- c) Explain different information gathering tools in system Analysis. **8**
 - d) What is decision table? List various elements and steps in preparing an entry in decision table. **8**
- 3.** Either :
- a) What are the objective of cost-benefit analysis? Explain the different types of costs involved in cost-benefit analysis. **8**
 - b) Explain various factors of output design? **8**
- OR**
- c) What is audit consideration? Explain in detail. **8**
 - d) Explain the various factor one should remember during input design. **8**
- 4.** Either :
- a) What is file organization? Explain in detail with suitable example. **8**
 - b) What is documentation? Explain the types of documentation. **8**

OR

- c) Explain the Role of Data processing Auditor in detail. **8**
- d) Explain the concept of database design in system development. **8**

5. Solve all the questions.

- a) State the difference between manual system and automated system. **4**
- b) Explain in brief system performance. **4**
- c) Explain the role of database administrator in short. **4**
- d) Write a short note on quality Assurance. **4**

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