

M.C.M. Semester-I Examination
SYSTEM ANALYSIS AND DESIGN
Paper—1 MCM 5

Time : Three Hours]

[Maximum Marks : 80

Note :— (1) All questions are compulsory.

(2) Due credit will be given to neatness and adequate dimensions.

(3) Illustrate your answer wherever necessary with the help of neat sketches.

1. (a) Explain computer based business systems and give its advantages and disadvantages. 10
(b) What is system ? Give its characteristics. 6

OR

2. (a) What are the qualities and skills that are important to analyst ? 8
(b) What are the first two primary steps in the system life cycle ? 8
3. (a) "CASE as an enabling technology." Justify. 8
(b) How do you draw DFD's with CASE ? Explain. 8

OR

4. (a) What are the symbols and rules of DFD ? 8
(b) Explain :
(i) Functional decomposition
(ii) Modules. 8
5. (a) What is preliminary analysis ? How do you evaluate user's request ? 6
(b) Explain Review and Assignment. 6
(c) What is meant by feasibility study ? 4

OR

6. (a) Explain fact finding in detailed analysis. 8
(b) Explain :
(i) Questioning
(ii) Summarizing the interview. 8
7. (a) Explain characteristics of object oriented analysis. 6
(b) Differentiate 3GL from 4GL. 6
(c) Explain data entry process. 4

OR

8. (a) How formatting is done in Reports ? Explain. 6
(b) Describe CASE and 4GLS. 6
(c) Explain Data Collection. 4
9. (a) Discuss validation and explain different types of tests available in validation. 8
(b) How do you maintain and manage the system process ? 8

OR

10. (a) Brief out different types of Files. 8
(b) Explain various database controls. 8

