B.C.A. (Part—II) Semester—IV Examination

4ST1 : SYSTEM ANALYSIS DESIGN AND MIS

Time : Three Hours]   [Maximum Marks : 60

Note :— (1) All questions are compulsory.

         (2) Assume suitable data wherever necessary.

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

1. (a) Explain the role of analyst and designer in system development.   6

   (b) What are the different types of communication ?   6

OR

2. (a) What are the various traditional stages of system development project ? Explain.   6

   (b) What is quality ? Explain the concept of quality control.   6

3. (a) Draw the content-level and level-I DFD for payroll system.   6

   (b) What is feasibility study ? Explain its various types.   6

OR

4. (a) Write and explain different data collection methods.   6

   (b) Explain any two methods of fact finding.   6

5. (a) Write and explain various system damages and protection.   6

   (b) What is database ? Explain different types of database models.   6

OR

6. (a) Explain I/P and O/P designs.   6

   (b) Explain Physical Data Design.   6

7. (a) Write and explain MIS framework and its importance.   6

   (b) Explain the following in brief :

      (i) TPS (Transaction Processing System)

      (ii) DSS (Decision Support System)

      (iii) OAS (Office Automation System)   6

OR

8. (a) Explain classification of MIS.   6

   (b) Explain the following in brief :

      (i) RES

      (ii) ESS

      (iii) Utility Management.   6

9. (a) Explain the concept of Project Planning.   6

   (b) Write the case study of Network of Technology Institute.   6

OR

10. (a) What is Resource Allocation ? Explain.   6

   (b) What are the different planning policies of Information System ?   6