

B.C.A. Part-II Semester-IV Examination
SYSTEM ANALYSIS DESIGN AND MIS
Paper-4ST1

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 in brief Merise and Euro-method. 6
- (b) Compare traditional approach with structural approach for SAD. 6

OR

2. (a) Explain the concept of information engineering. 6
- (b) Write difference between quality assurance and quality control. Also write its importance for system development. 6
3. (a) Explain monitoring and control stages of system development. 6
- (b) Explain the following :
 - (i) ELH
 - (ii) ECD6

OR

4. (a) Explain DFD with an example. 6
- (b) Explain case tools and its advantages. 6
5. (a) Explain the types of files. 6
- (b) What do you mean by STD in system designing ? Explain. 6

OR

6. (a) What is the concept of system interface ? Explain. 6
- (b) Explain DAD with example. 6
7. (a) Explain characteristics and functions of MIS. 6
- (b) Explain utility management of Information System. 6

OR

8. (a) Explain importance of user training in MIS. 6
- (b) Explain various types of decision making in MIS. 6

9. (a) Differentiate between strategy and policy. 6
(b) Write case study on P vehicle booking information system. 6

OR

10. (a) What are the different objectives of Information System Planning ? Explain. 6
(b) Notes on :
(i) DSS
(ii) ESS
(iii) OAS. 6