

AP—553

B.C.A. (Part-II) (Semester-IV) Examination
SYSTEM ANALYSIS DESIGN AND MIS

Paper-4ST1

Time—Three Hours]

[Maximum Marks—60

- N.B. :—** (1) All questions are compulsory.
(2) Figures to the right indicate full marks.
(3) Assume suitable data wherever necessary.
(4) Illustrate your answer with the help of neat sketches wherever necessary.

1. (A) What are the different approaches for SAD ?
List and explain. 6
(B) What is Quality Control ? State its importance
in system development. 6

OR

2. (A) Give the difference between Quality Assurance
and Quality Control. Why both are important for
better system development ? 6
(B) List and explain different types of
Communication. 6
3. (A) Draw the context-level and level-1 DFD for payroll
system. 8
(B) What are the stages of system development ?
Explain. 4

OR

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4. (A) What are the different data collection methods ?
Explain. 6
- (B) Explain DFD and ECD with example. 6
5. (A) Explain characteristics of good input and output interface. 6
- (B) Give the difference between Physical data design and Logical data design. 6

OR

6. (A) Explain various damages and protections to the system. 6
- (B) What is IRC, STD ? Explain with example. 6
7. (A) What are the functions of MIS ? Explain how it is helpful in business. 6
- (B) Describe the classification of MIS. 6

OR

8. (A) Explain utility management of Information System in terms of implementation and planning. 6
- (B) Explain :—
- (i) DSS
 - (ii) OAS
 - (iii) RES. 6
9. (A) Explain various policies of information system planning. 6

- (B) Explain objectives and strategies of planning. 6

OR

10. (A) What is "Resource Allocation" ? Explain. 6
- (B) Differentiate between project planning and software project estimation. 6