

Roll No.

Total No. of Questions : 07]

[Total No. of Pages : 02

BCA (Sem. - 2nd)
SYSTEM ANALYSIS AND DESIGN
SUBJECT CODE : BC - 202 (N2)
Paper ID : [B0206]

[Note : Please fill subject code and paper ID on OMR]

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.

Section - A

Q1)

(10 × 2 = 20)

- a) Define the word system and give atleast three examples of common systems.
- b) Explain the job roles of users and analysts as they relate to business systems.
- c) What are the important rules for drawing a data flow diagram?
- d) Explain the different stages of an interview.
- e) Which factors will management usually take into account before allowing an analyst to proceed with a detailed analysis?
- f) What are the major advantages of Data Dictionaries?
- g) Explain the different types of reports used in organizations.
- h) What is the difference between verification and validation?
- i) What are the elements of a file design?
- j) Describe the three types of tests that a new system must pass.

Section - B

(4 × 10 = 40)

- Q2)** (a) Explain the management's responsibilities within the system processes.
- (b) Discuss how does Gantt chart helps in managing the system process.

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- Q3)** (a) Explain the advantages of documentation and training manual.
(b) Discuss in brief six stages of certification.
- Q4)** Write in detail about Master File, Transaction File, Back-up File, Scratch File and Suspense File.
- Q5)** Discuss in detail (atleast 20) guidelines for Designing Data-Entry Screens.
- Q6)** Do a detailed analysis for a Hotel Management System.
- Q7)** Write short notes on following :
- (a) Decision Tree.
(b) Guidelines for Output Design.

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