

Roll No: .....

Total No. of Questions : 09]

[Total No. of Pages :02

## Paper ID [CS304]

(Please fill this Paper ID in OMR Sheet)

B.Tech. (Sem. - 6<sup>th</sup>/7<sup>th</sup>)

### INTRODUCTION TO BUSINESS SYSTEMS (CS - 304)

Time : 03 Hours

Maximum Marks : 60

#### Instruction to Candidates:

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

#### Section - A

Q1)

(10 × 2 = 20)

- a) Define Inter-record gap (IRG) and where it is used?
- b) Explain difference among sectors, cylinders and tracks.
- c) What do you mean by Data Processing? Explain it.
- d) Explain the concepts of Page-Footing and Control-Heading.
- e) How Spreadsheets are beneficial for the data processing?
- f) What is difference between a literal and figurative constant in COBOL?
- g) What is Resource Planning and how this can be automated in business systems?
- h) Write difference between "Data Modeling" and "Process Modeling".
- i) What is the need of ZAP command in FOXPRO?
- j) What are the desirable characteristics of a Good MIS system?



## Section - B

(4 × 5 = 20)

- Q2) What is the significance of Entity Relationship Model? Draw Entity Relationship Diagram of Employee Management system.
- Q3) Explain the Sequential Indexed File Organization with help of suitable example.
- Q4) Write a DBASE program for Student Information System.
- Q5) What is the need of Decision Support Systems? Explain its constituents.
- Q6) Explain Spiral Model of Software Development and why this Model is called "Meta" Model?

## Section - C

(2 × 10 = 20)

- Q7) Explain various types of Input/Output Computer Peripherals that can be attached to a Computer system. Write characteristics of each peripheral device.
- Q8) Describe the structure of a COBOL program and explain the function of each division in detail.
- Q9) Write note on:
- Report Writer Screen Management
  - MARCAN

