

Executive MBA  
205 : Management Information System

Marks 50

Time : 2 ½ hours

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**Instructions : Q. No. 1 and 7 is compulsory. Attempt any 3 from remaining questions. All questions carry equal marks.**

1. Answer the following:

- a) MIS is an \_\_\_\_\_ Human-Machine-based System.  
(Integrated / independent / interdependent / stand-alone)
- b) While MIS emphasises DATA \_\_\_\_\_, DSS emphasises DATA \_\_\_\_\_.
- c) Decision Table consists of TWO STUBS, viz.: \_\_\_\_\_ STUB,  
& \_\_\_\_\_ STUB.
- d) The THREE major techniques of assessing Information Requirements are:  
a) \_\_\_\_\_,  
b) \_\_\_\_\_, and  
c) \_\_\_\_\_.
- e) A System is put in place to ensure \_\_\_\_\_.  
(Energy / Atrophy / Synergy / Compartmentalisation)
- f) The correct sequence of MIS Evolution is:  
1) EDP/DSS/MSD/EIS/ES/AI  
2) EDP/MIS/MSD/ES/AI/EIS/DSS  
3) EDP/MIS/DSS/EIS/AI.ES  
4) EDP/MIS/DSS/EIS/ES/AI
- g) The basic relationship between Data & Information is that of \_\_\_\_\_  
and \_\_\_\_\_.
- h) The five different types of ORGANISATIONS are:  
1) \_\_\_\_\_  
2) \_\_\_\_\_  
3) \_\_\_\_\_  
4) \_\_\_\_\_  
5) \_\_\_\_\_
- i) Information Technology is the combination of \_\_\_\_\_.  
1) Electronics & Computer Science  
2) Electronics & Telecommunications  
3) Computer Science & Networking  
4) Telecommunications & Computer Science
- j) The three phases of System Development Life Cycle (SDLC) are:  
1) \_\_\_\_\_  
2) \_\_\_\_\_  
3) \_\_\_\_\_
2. Define 'M.I.S.' and 'Competitive Advantage' and illustrate, with practical examples, how MIS would help a Banking Organisation like the SBI or the ICICI Bank Ltd. gain, retain and sustain Competitive Advantage.

3. Define "System" and explain the " Law of Requisite Variety ". Illustrate how the LRV could be applied in functional areas in an I.T. Company OR a Manufacturing Company.
4. Define "Information Requirement Analysis" and explain the information required by the Top Management of Maruti Suzuki Motors Ltd., in the current business scenario.
5. Graphically illustrate the three Phases and the respective sub-phases of System Development Life Cycle (SDLC) and explain in detail the four Conversion Strategies.
6. "Your future is not secure if your information is not secure". Discuss the importance of Information and Information Security in the context of the present competitive environment, with special reference to the External Security / Control Threats for the organizational Information Systems.

## 7. CASE STUDY

MB Corporation owns 30 warehouses & the distribution equipment necessary to supply variety of soda products to retailers throughout the Western Region of India. The Head-Quarters of the corporation are in Mumbai, where its largest warehouse is located. You have just been appointed VP(Finance), for the corporation. The information system that the corporation currently uses provides you with accounting information gleaned from the typical accounting system database.

This system includes modules for accounts receivables / payables, order entry, purchase order, inventory, payroll, fixed assets, & the preparation of statements & reports. At regular intervals the following periodic statements are sent to your office for your perusal/examination:

- ✓ Balance Sheet
- ✓ Aged accounts receivable reports
- ✓ Current inventory list
- ✓ Employee earnings record/report
- ✓ Fixed assets & equipments inventories
- ✓ Income statements
- ✓ Payroll sheets
- ✓ Schedules of accounts payable
- ✓ Schedules of accounts receivables
- ✓ Sources & uses of funds
- ✓ Stock-out lists

### DISCUSSION QUESTIONS:

- a) Comment whether you believe that the current reports you receive are appropriate to your tasks. Be specific & describe which reports are appropriate or inappropriate and why
- b) Outline three new reports that might be helpful for you in tactical-level decision making. On each report show the title of the report, the column headings (if any), & the nature of the data to be included.
- c) Outline three new reports that might be helpful to you in strategic planning. Show the title of the report, the column headings (if any) and the nature of the data to be included.

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