

ADITYA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, TEKKALI
(AUTONOMOUS)

II MBA III Semester Regular Examinations, NOVEMBER, 2017

Management Information Systems

Time: 3 Hrs

Max. Marks: 60

Answer any Five questions
All questions carry EQUAL marks
Question No. 8 is Compulsory

1. a) Is it necessary to follow the system analysis and design methodologies when building an information system? **6 M**
- b) Why not just build the system in any random manner? What would happen. **6 M**
2. Give an example how information system can support the five functions of the management, the ten rules of the management and the three levels of management activities **12 M**
3. Explain the basic structure of computer networks in India. **12 M**
4. Discuss the role of cross functional enterprise information system in organizations. **12 M**
5. a) Explain the following **12 M**
 - (i) Simon's model of decision making
 - (ii) Strategies for requirement determination
6. a) Explain in detail the strategies adopted for testing security. **6 M**
- b) Explain the following **6 M**
 - (i) Information resource management
 - (ii) Hardware and software selection of IS

7. Discuss about Telecommunication in detail? 12 M

8. **CASE STUDY:** [12M]

A Publishing company publishes fortnightly magazine in four different languages, The magazine is sold through news paper/ book stalls and through subscriptions. The company has more than 5 Lakh subscribers, subscribe the magazine on yearly payment basis. Therefore, the company receives numerous renewals. Besides numerous new subscribers approach the company for subscription of the magazine. On receiving the orders From subscribers and newspaper / book stalls, a document is created of each order. The order documents are batched in groups of 40-50 and a header form is completed showing the total number of documents per batch. The documents are then keyed and verified by data entry clerks and processed each evening. A validation programme rechecks the number of documents in each batch. It prints valid and invalid batch reports and posts valid and invalid batches to transaction file. Based on this, valid batch report is reconciled to the totals on the batch headers. Batches listed on the invalid batch reports are renewed, corrected and resubmitted for processing.

Questions:

- a. Assess the effectiveness of the controls in the system.
- b. If you find any weakness, suggest measures to overcome it
- c. What general controls you will apply
- d. What are the processing controls you will incorporate