

(Following Paper ID and Roll No. to be filled in your Answer Books)

Paper ID : 2289844

Roll No.

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**MBA/MBATM**

**Regular Theory Examination (Odd Sem-I), 2016-17**

**COMPUTER APPLICATION AND  
MANAGEMENT INFORMATION SYSTEM**

*Time : 3 Hours*

*Max. Marks : 70*

**SECTION - A**

**Note: Attempt all questions.**

**(5×2=10)**

1. What do you mean by hardware and software?
2. What is the function of CPU?
3. What do you mean by multitasking?
4. What do you mean by data communication?
5. What are the main components of a system?

**SECTION - B**

**Note: Attempt any four questions**

**(4×10=40)**

1. Draw the block diagram of computer. Explain the primary and secondary memory.

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2. What is system software? Differentiate between compiler and interpreter.
3. What is online Transaction Processing system? How does it differ from manual system? Explain with suitable example.
4. What do you mean by computer network? Explain the various types of computer network with the help of a diagram.
5. What is word processor? Explain use of mail merge and header & footer function.
6. What is operating system. Explain the various components of Ms windows.
7. What is the role of business ethics in business system? How does privacy relate to IT ethics?

### SECTION - C

#### Case Study

(2×10=20)

Airlines industry is supposed to be one of the early adopters of MIS, as they have to incur heavy costs on human resources. The reason for developing this system was cost cutting and improving efficiency. Airlines Management Information System (AMIS) serves for all management activities. The system efficiently performs versatile functions, such as finance and accounting,

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reservation and e-ticketing, personnel and payroll and marketing statistics. The system works individually on these functions along with an integrated approach.

AMIS is a web based browser that supports all operating systems such as Linux, Netware and Windows. It is an easy-to-use system. The system involves four levels of security to ensure restriction on unauthorized access. Many controls also been implemented that can identify fake-ticketor passengers without ticket. It can check random booking, overstaffing, understaffing, earned and unearned revenue, daily transactions, expense records and many such functions. It can also be easily customized as required. The cost of such System ranges from 50,000 to 2,00,000 in rupees.

#### Questions:

1. Do you think installation of AMIS would prove cost effective for an aviation organization?
2. List the functions performed in aviation business and match them with function served by AMIS.