

Roll No.

Subject Code—6744-X

P.G.D.C.A./M.C.A. EXAMINATION

(MCA 3 Years)

(First Semester)

(Re-appear Batch of 2009)

MS-01

**INTRODUCTION TO INFORMATION
TECHNOLOGY**

Time : 3 Hours

Maximum Marks : 70

Note : Attempt any *Five* questions. All questions carry equal marks.

1. (a) Draw block diagram showing the relationship between various components of a computer system. Explain briefly.
- (b) Discuss 'evolution of information processing'.

2. (a) Write a note on various input and output devices.
(b) Differentiate :
 - (i) Impact printer and non-impact printers
 - (ii) System software and application software.
3. (a) What do you understand by an Operating System ? What are its major characteristics ? Also explain how does it act as a Resource Manager ?
(b) How do you classify storage devices ?
4. Write the scope of computer in the following fields :
 - (i) Education
 - (ii) Business
 - (iii) Weather Forecasting
 - (iv) Scientific Applications.
5. Write a short note on the following :
 - (i) GUI-Windows
 - (ii) Computer Network
 - (iii) MAN
 - (iv) LAN.

6. (a) What do you mean by Information Security ? Discuss its different components.
- (b) Write *five* internal and *five* external commands of DOS with example.
7. (a) What is structure of an HTML document ? Illustrate.
- (b) Describe the following :
Internet, Gopher and Mosaic.
8. Explain the following in context with OOP :
- (i) Data Encapsulation
 - (ii) Operator Overloading
 - (iii) Function Overloading and Inheritance.