

Roll No.

Subject Code—2046-X

P.G.D.C.A. EXAMINATION

(First Semester)

(Re-appear)

MS-01

**INTRODUCTION TO INFORMATION
TECHNOLOGY**

Time : 3 Hours

Maximum Marks : 100

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

1. (a) How is data different from information ?
Discuss various sources of information.
(b) What are the various components of a CPU ? Also explain the working of CPU.
2. Discuss in detail various peripheral devices.
Give their advantages and disadvantages.

3. Explain the components of a Network. How does LAN help in sharing of the two main sets of resources within the organization ? Also explain various types of protocols.
4. (a) Explain the concept of inheritance and polymorphism with suitable examples.
(b) Explain the following :
 - (i) Tag
 - (ii) Hyperlink
 - (iii) Browser
 - (iv) Search Engine
 - (v) e-mail.
5. What is Internet ? How does it work ? List some of the activities that you can do on Internet. What is HTTP and how does it work ?
6. What are different types of Memory ? How PROM different from EPROM ? What is an operating system ? Explain major functions of UNIX operating system.

7. Explain the following :

- (a) Netware
- (b) Computer Security
- (c) 4GL
- (d) System Software.

8. Explain the role of computers in the field of the following applications :

- (a) Multilingual
- (b) Remote Sensing
- (c) Weather Forecasting
- (d) Business.