

*June - 2008*

Roll No. ....

Subject Code—9446-X

**P.G.D.C.A. EXAMINATION**

(First Semester)

(Re-appear)

MS-01

**INTRODUCTION TO IT**

*Time : 3 Hours*

*Maximum Marks : 100*

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

1. (a) What is Information System ? Why is it important in business ? 10
- (b) What are characteristics of Transaction Processing System ? List various steps involved in transaction processing system. 10

2. (a) Why there is a need of Input Devices ?  
Explain various types of Input devices. 10

(b) What is Software ? Why there is need of S/W ? Explain application S/W and System S/W. 10

3. (a) Discuss generations of programming languages. What should be their characteristics ? 10

(b) What is Operating System ? Why there is a need of operating system ? Compare and contrast between GUI and CUI. 10

4. (a) What is Compiler ? Discuss the steps taken by a compiler to compile a high level programs into machine level program. 10

(b) Discuss the structure of Unix operating system. Explain its various functions. 10

5. (a) What is a Network ? What are objective of networking ? Explain various types of Networks. 10

(b) What is Security ? Discuss its various types. 10

6. (a) What is Remote Sensing ? Discuss applications of computer in this field. 10

(b) Describe the uses of computer in field of Education. 10

7. (a) Differentiate between OOP and procedural programming. 10

(b) Briefly discuss operator overloading and function overloading. 10

8. Write short notes on the following : 20

(a) Network Protocols

(b) Mosaic

(c) Polymorphism

(d) Preventive measures and treatment.