

JUN 2006

Subject Code—4374-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) Explain the term information. How is it useful in the process of decision-making ? 10
- (b) What do you mean by data processing system ? Describe four ways in which electronic data processing differs from manual data processing. 10

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2. (a) What is CPU ? Explain the different components of CPU. 10
- (b) Differentiate between primary and secondary storage devices. Also give examples of each. 10
3. (a) What is Software ? Differentiate between system s/w and application s/w with the help of examples. 10
- (b) Differentiate between low-level language and high-level language. 5
- (c) Differentiate between interpreter and compiler. 5
4. (a) What is Operating System ? Explain the functions performed by O.S. 10
- (b) Explain the features of DOS and UNIX operating system. 10
5. (a) What is Networking ? Explain the merits and demerits of networking. 10

- (b) Explain the following : 10
- (i) Work Station
 - (ii) LAN
 - (iii) WAN
 - (iv) www
 - (v) Gopher.
6. (a) What do you mean by Computer Security ? Explain the various security components. 10
- (b) Explain the following : 10
- (i) Preventive Measures
 - (ii) Network Protocol.
7. Explain the use of computer in the following : 20
- (a) Weather Forecasting
 - (b) Remote Sensing
 - (c) Business
 - (d) Planning.

8. Explain the following :

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- (a) Data Hiding
- (b) Data Encapsulation
- (c) Inheritance
- (d) Polymorphism
- (e) Operator Overloading.

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