

(i) Printed Pages : 2

Roll No.

(ii) Questions : 9

Sub. Code :

1	0	0	8	5
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Exam. Code :

5	0	0	1
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NEP U.G. Common-Inter Disciplinary Course 1st Semester
(2125)

FUNDAMENTALS OF INFORMATION TECHNOLOGY

Paper—MDSC101

Time Allowed : Three Hours]

[Maximum Marks : 60

Note :— (1) Attempt any *four* questions from Question No. 1.

(2) Attempt *one* question from each unit.

1. Attempt any *four* questions :

(i) Personal Computers (PC)

(ii) RFID Reader

(iii) Impact Printers

(iv) Static RAM

(v) Real-Time Applications

(vi) Client-Server Systems.

12

UNIT—I

2. Explain the concept of a computer by elaborating its characteristics.

12

3. What are various components of the computer system? Explain with suitable examples of each component.

12

UNIT—II

4. What are different types of input devices used in computer system?
Explain with examples. 12
5. Write a short note on :
- (a) Projectors
 - (b) Plotters. 12

UNIT—III

6. Define computer memory. Explain the basic concepts of bit and byte with suitable examples. 12
7. Describe magnetic storage devices. Explain hard disk and floppy disk in detail. 12

UNIT—IV

8. What is an operating system? Discuss the main functions of an operating system. 12
9. What are translators? Explain the role and working of compilers, interpreters, and assemblers in program execution. 12