

Roll No.

Total Pages : 4

13473/NJ

E-25/2111

**INTRODUCTION TO
INFORMATION TECHNOLOGY**

Paper-1103T

Semester-I

Time Allowed : 3 Hours] [Maximum Marks : 70

Note : The candidates are required to attempt **two** questions each from Sections A and B carrying 10 marks each and the entire Section C consisting of 10 short answer type questions carrying 3 marks each.

SECTION—A

1. Discuss the different types of Input and Output devices used in Computers. 10

2. Discuss different types of Binary operations (addition, subtraction, with the help of examples. 10
3. Discuss the basic anatomy of Computer system using a diagram. 10
4. What are Secondary Storage devices ? Discuss few Secondary Storage devices. 10

SECTION—B

5. What is a Network topology ? Explain different types of topologies for networking. Discuss advantages and disadvantages of each. 10
6. Define Operating system. How OS acts like a manager in Computer System ? Discuss different functions of Operating system. 10
7. Discuss about ASCII, Grey Code. Write major difference between these two computer codes. 10

8. Discuss different models of E-commerce along with the advantages and applications of each model. 10

SECTION—C

9. Write short notes on the following : 10×3=30

- (i) What is purpose of Memory ? Difference between RAM and ROM.
- (ii) What is difference between Compiler and Interpreter ?
- (iii) What is a BCD ?
- (iv) What is difference between High Level and Low Level Language ?
- (v) Define Software. What is Application software ?
- (vi) What is a B2B in E-commerce ?
- (vii) What is purpose of OCR ? Give example.

- (viii) What is ALU ? How ALU helps in achieving high computational power in a Computer ?
- (ix) Define Wide Area Network. Give some examples.
- (x) What is the difference between Optical disk, Hard disk and Floppy disk ?