

Roll No.

Total Pages : 4

11755/NJ**D-1/2111****INTRODUCTION TO
INFORMATION TECHNOLOGY**

Paper-1106T

Semester-I

Time Allowed : 3 Hours] [Maximum Marks : 30

Note : The candidates are required to attempt **two** questions each from Sections A and B carrying 4 marks each and the entire Section C consisting of 7 short answer type questions carrying 2 marks each.

SECTION—A

1. Discuss in detail the Information processing cycle. 4
2. What are the features of different types of Computers? Explain. 4
3. (a) Explain the Moore's law. 2
(b) ROM is RAM. Comment. 2
4. Perform the following conversions as per directions : 1×4=4
 - (a) $1010_{10} = ?_2$
 - (b) $5670_8 = ?_{10}$
 - (c) $ABBA_{16} = ?_8$
 - (d) $10010111_2 = ?_{16}$.

SECTION—B

5. Define the Computer Network. What are the different network topologies? Explain. 4
6. Define the E-commerce. How E-commerce has changed the life of a common man? 4
7. Write the process of creating address labels using mail merge in MS Word. 4
8. Write the procedures of performing the following operations in MS Excel : 1×4=4
- (a) Sorting.
- (b) Filtering.
- (c) Sum of a range of values.
- (d) Header and footers.

SECTION—C

9. Write short notes on the following : 7×2=14
- (i) Draw block diagram of a Computer.
- (ii) How subtraction is done using 2's compliment?
- (iii) Write the hierarchy of tracks, clusters and sectors of a compact disk.
- (iv) Distinguish between ASCII and EBCDIC.
- (v) Define the Multimedia systems.
- (vi) What are the types of E-commerce applications?
- (vii) Distinguish between Sorting and Filtering.