

## INTRODUCTION TO INFORMATION TECHNOLOGY-A

**Time Allowed : Three Hours**

**Maximum Marks : 70**

**Note :** The candidates are required to attempt *one* question each from Section A, B, C and D carrying 14 marks each and the entire Section E is compulsory carrying 14 marks in all.

### Section - A

1. Explain the characteristic of Computer.
2. Explain the type of Computer-Desktop, Laptops, Palmtop, PD etc.

### Section - B

3. Explain any two Secondary Memory devices.
4. Explain impact an non-impact Printers.

### Section - C

5. Convert  $(478)_{10} = (?)_{16}$
6. Convert  $(156.12)_{10} = (?)_2$

### Section - D

7. Define Operating System. Explain the functions of Operating System.
8. Explain the difference between Multi tasking, Multi user and Multi Processor Operating System.

### Section - E

9. Write briefly:
  - (a) Explain about BCD, ASCII an EBCDIC Codes.
  - (b) Explain the difference between EPROMan EEROM.
  - (c) Define Network Operating System.
  - (d) Explain the difference between Assembly and Machine Level Language.
  - (e) Explain the functionalityof Joystick.