Common Instructions to Candidates :

1) This is a question cum answer paper booklet.

2) Space is provided to write answers below each question. Answer should be written within the space provided.

3) This question paper has 9 questions.

4) Candidate should not write the answer with pencil. Answer written with pencil will not be evaluated. (Except graphs, diagrams & maps).

5) In case of multiple choice, fill in the blanks and matching questions, scratching, rewriting & marking is not allowed. Answers with such errors will not be evaluated.

1. Fill in the blanks with the correct word(s) by selecting from the choices given in the brackets. **[10 x 1 = 10]**

a) CPU of a computer consists of _____
(ALU and control unit, ALU and memory unit, Memory and input unit).

b) An example of secondary storage device is _____
(RAM, Keyboard, Floppy disc).

c) Magnetic tape is an example of _____ memory.
(direct, indirect, serial).

d) The networking of computers covering a small area is called _____
(LAN, WAN, System).

e) The smallest individual of a C-Program are called as _____
(C-tokens, C-constants, C-variables).

f) Better quality of printing can be obtained using _____ printers.
(dot matrix, line, laser).

g) Multiple branching can be implemented using _____ statement. (goto, switch, break).

h) An identifier, whose value does not change throughout the program is called _____ (constant, variable, label).

i) C-language was originally developed by _____. (Brain Kernighan, Dennis Ritchie, Charles-Babbage).

j) A group of 8 bits is termed as one _____. (Nibble, Word, Byte).

2. a) Define Program. **[2]**

b) Write short notes on digital computers. **[6]**

c) Define arithmetic logic unit. **[2]**

3. a) Explain the functions of the following keys in a key board. **[2]**

i) Enter key.

ii) Scroll lock.

b) Write short notes on dot matrix printers. **[3]**

c) Explain the structure and construction of a CRT with a neat sketch. **[5]**

4. a) Explain DOS commands. **[5]**

b) What is mail-merge? **[3]**

c) What is Charts? **[2]**

[P.T.O.

5. a) Explain the structure of C-language. **[3]**

b) Write a C program to convert Fahrenheit to Celsius. **[7]**

6. a) Define C character set. **[2]**

b) Write a C program to find smallest three numbers using conditional operator. **[8]**

7. a) Define data types. **[2]**

b) Write a C-program to convert binary to decimal. **[8]**

8. a) Define looping. **[2]**

b) Write a C-program to find wheather a given number is even or odd. **[8]**

9. a) Define arithmetic operator. **[2]**

b) Write a C-program to calculate the area of triangle. **[8]**