

Note: Time allowed for section B and C is 2 hours and 15 minutes.

SECTION "B"

Marks: 28

II. Attempt any SEVEN Parts out of the following. Each Part carries equal marks.

- i. List various factors for selecting the best solution of any problem.
- ii. What are the characteristics of high level languages?
- iii. What is purpose of const qualifier?
- iv. What is the purpose of gets () function in C language?
- v. What is the use of format specifiers? Give examples.
- vi. Write a program to display alphabet, from A to Z using for loop.
- vii. Differentiate between the do-while and while loop with example?
- viii. How Data is represented in a Computer. Explain?
- ix. What is website? Give some examples.
- x. What is HTML?

SECTION "C"

Marks: 16

Note: Attempt any TWO questions of the following. Each question carries equal Marks.

- III. How variables are declared and initialized in C language? Give examples.
- IV. Write a program that reads name and address of a student and prints it on the screen using gets () and puts () function.
- V. Write short notes on the following.
 - i) Java Language
 - ii) Print f () function
 - iii) If statement
 - iv) Web page