

(2)

2. (a) What is data type ? Explain different data types in detail with examples.
(b) What is pointer ? Define it and write the use of pointer.
(c) What is the use of typedef in C ? Give an example.
3. (a) Explain the two-way selection (if, if-else, nested if-else, cascaded if else) in C language with syntax.
(b) Explain the different types of loops in C with syntax and example.
(c) Explain the switch statement with syntax and example.
4. (a) Write a program to find factorial of a number.
(b) What is the difference between & and * operators in C ?
(c) What is Operator ? What are the different types of operator available in C ?
5. (a) Write a program for arranging the element of array in descending order.

(3)

- (b) What is an array ? Explain the declaration and initialization of one and two-dimensional arrays with example.
 - (c) Find original array from encrypted array (An array of sums of other elements) using C language.
-