

( 2 )

- (c) What is Virus ? Write the different methods of protecting the computer from computer virus. 7
3. (a) Define Simplex and Half duplex connection. 2
- (b) Write about the different advantages of networking. 5
- (c) Explain the different connecting media used in networking. 7
4. (a) Define compiler. 2
- (b) Define file and different types of file access method. 5
- (c) Write algorithm to find average of  $n$  number and draw a flowchart for it. 7
5. (a) Name any four types of operator used in C programming. 2
- (b) Describe different looping structure used in C with suitable example. 5
- (c) Write a program in C to find the solution to the quadratic equation. 7

( 3 )

6. (a) What is array ? How it is defined ? 2
- (b) Write a program in C to find the factorial of a number  $N$  and print it. 5
- (c) Write a program in C to store 10 numbers in an array and find largest among them. 7
7. (a) Define pointer. 2
- (b) Write the difference between structure and union. Give example. 5
- (c) Write a program in C to print the following : 7

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      *
     * *
    * * *
   * * * *
  * * * * *
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