
 <b>SURESH GYAN VIHAR</b> UNIVERSITY <small>Accredited by NAAC with 'A' Grade</small>	<b>INTERNAL ASSIGNMENT - 1</b>	
<b>Course:</b> BCA	<b>PRINCIPLES OF PROG. &amp; ALGORITHM</b>	
<b>Year:</b> I		
<b>Specialization:</b> NA <b>Total Marks:</b> 100		

**Q. Write answers for questions below. (20 marks each – Word limit – 500)**

- A. What is an array? Explain declaration procedure for Single and Multi-dimensional array.**
- B. What is declaration of ‘nested-loops’. Illustration of Nested Loop with if and for structure.**
- C. What is understood ‘Call by Reference’ and illustrate the use of it.**
- D. What is a Constants/Literals? Explain different Relational Operators.**
- E. What is ‘Loop’ in C? Write a program to print mathematical multiplication table for given number.**

 <div><b>SURESH GYAN VIHAR</b> <b>UNIVERSITY</b> Accredited by NAAC with 'A' Grade</div>		<b>INTERNAL ASSIGNMENT - 2</b>	
<b>Course:</b> BCA		<b>PRINCIPLES OF PROG. &amp; ALGORITHM</b>	
<b>Year:</b> I			
<b>Specialization:</b> NA	<b>Total Marks:</b> 100		

**Q. Write answers for questions below. (20 marks each – Word limit – 500)**

- A. What is an array? Explain advantages and disadvantages of an array.**
- B. What is a Header file? What is the advantages of using header files and limitations.**
- C. What is a Pointer? How it is to be used to manipulate the contents. Explain the use of "and " in a program.**
- D. What is Pointer to an Array? What is syntax for declaring a pointer to an array of 5 integers?**
- E. What is a Structure? How to declare structures? Explain advantages and disadvantages of it.**