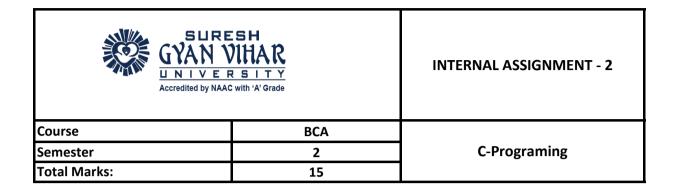
SURESH GYAN VIHAR UNIVERSITY Accredited by NAAC with 'A' Grade		INTERNAL ASSIGNMENT - 1
Course	BCA	
Semester	2	C-Programing
Total Marks:	15	

- Q.1. Write answers for any two questions from below. (5 marks each Word limit 500)
- **A.** Write a C Program to Check Whether a Number is Prime or Not.
- **B.** What is C? Write note on history of C. Write the features and limitations of C?
- **C.** Write a C Program to Access Elements of an Array Using Pointer.
- Q.2. Write short notes on all of the following topics (1 mark each Word limit 100)
- **A.** Pointer to a structure
- B. Void
- **C.** Pointer to an array of structure
- **D.** Union and Structure
- **E.** getchar and putchar



## Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)

- **A.** How to write a decision-making statement with if, if else, if else if? Write the syntax and difference between them. Write program for each.
- **B.** What is array in C? Explain array initialization, allocation, calculate size and element count. How to define multidimensional arrays (like 2D and 3D)? What are their utilities? How to
- **C.** Write a C Program to Multiply two Matrices by Passing Matrix to a Function.

## Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)

- **A.** Dynamic memory allocation
- **B.** 1D & 2D Array
- **C.** Middle level Language
- **D.** while and do while loop
- E. Low level language