



KERALA AGRICULTURAL UNIVERSITY
B.Tech.(Agrl. Engg.) 2019 Admission
VI Semester Final Examination - June 2022

Sacs. 3214

Computer Programming and Data Structures (1+2)

Marks: 50
Time: 2 hours

I Fill in the blanks

(10x1=10)

1. -----statement is used for multi-way branching.
2. An array element is accessed using -----.
3. A global variable is a variable declared ----- body of every function.
4. -----principle is used in a stack.

State True or False

5. “%u” format is used to read/print an unsigned decimal integer.
6. Relational operators returns “n” Numbers.
7. C language does not permit the initialization of individual structure members within the template.
8. Functions return more than one value at a time.
9. A prefix operator first adds 1 to the operand and then the results is assigned to the variable on left.
10. Global variable & Local variable both are same.

II Write short notes on ANY FIVE of the following

(5x2=10)

1. Define Static variables.
2. Define Type conversions.
3. How one dimensional array is initialized?
4. What is Command Line Arguments?
5. Define Linked list.
6. Write the syntax of the arrays of the structure.
7. Define creating queues.

III Answer ANY FIVE of the following

(5x4=20)

1. Explain Nested for Loop with example.
2. What are the different types of storage classes?
3. Explain Recursion function with example.
4. Define getc() and getchar() functions.
5. Define local variable and global variables.
6. Explain pointer to function with proper example.
7. Define Insertion operations.

IV Write an essay on ANY ONE of the following

(1x10=10)

1. Explain the various types of string operations with examples.
2. Explain break, continue and goto statement with example and their use.
