

2021
B.A./B.Sc.
First Semester
CORE – 1
COMPUTER SCIENCE
Course Code: CSC 1.11
(Programming Fundamentals Using C)

PART-B
Total Mark: 30

Answer the following questions.

1. (a) Write a program that evaluates the arithmetic expression $\frac{1}{a+b+c}$. 3
 - (b) Write a program that uses any standard library string function and illustrate its purpose. 3
 2. (a) Explain continue statement with suitable example. 3
 - (b) Write a program that generates 'n' number of even natural numbers (2, 4, 6, 8,) 3
 3. (a) Write a program that illustrates call by reference method in function. 3
 - (b) Write a program that initializes an array and accesses the individual elements of the array. 3
 4. (a) What do you understand by array of structures? 2
 - (b) State some uses of structure in C. 2
 - (c) Explain the purpose of typedef keyword. 2
 5. (a) Explain the malloc() function. 2
 - (b) How is static memory allocation different from dynamic memory allocation? 4
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