

Nitin

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST - 2 EXAMINATION - OCTOBER 2019

B.Tech Ist Semester

COURSE CODE: 10B11CI111

MAX. MARKS: 25

COURSE NAME: Introduction to Computers and Programming

COURSE CREDITS: 04

MAX. TIME: 1.5 Hrs

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

Section – A (2X4 = 8 Marks)

1. Describe static function with its usage along with an example?
2. Describe Wild Pointers and Dangling Pointers in C Language?
3. Is that possible to store 32768 in an int data type variable? Justify your answer with an example.
4. Write a program in C language that swap two numbers without using the third variable.

Section – B (3X4 = 12 Marks)

5. Write a program to compare two strings entered by the user without using in-built strcmp() function.
6. Write a program in C Language to check whether the nth bit of a 32-bit Integer is set or not.
7. Write a program to delete all the duplicate elements present in an array.
8. Write a function in C Language that takes three numbers as input and returns the factorial of largest number and mean of all the numbers.

Section – C (5X1 = 5 Marks)

9. Write a memcpy() function in C Language that copies a raw block of memory from one location to another.