

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- September 2016

B. Tech VII Semester

COURSE CODE: 12B1WCI734

MAX. MARKS: 15

COURSE NAME: C# and VB.Net

COURSE CREDITS: 03

MAX. TIME: 1Hr

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means. Each Question carries 3 Marks.

1. Write down the comparison between the two programming languages C# and C.
2. What is JIT compiler? What advantage does managed code offer against unmanaged code?
3. Write a C# program to find out the middle digit of a five digit number entered by the user.
4. Write a program in C#, which implements a calculator having the following features.
 - a. Trigonometric functions
 - b. Inverse trigonometric functions
 - c. Log
5. Write a C# program to ask the user to enter 5 numbers and find which have exactly two common factors?