JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- APRIL 2019

COURSE CODE: 10B11CI311   MAX. MARKS: 25

COURSE NAME: OBJECT-ORIENTED PROGRAMMING

COURSE CREDITS: 3   MAX. TIME: 1.5 Hrs.

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

Q1.	CO-4	i)	Define inheritance and write a program to illustrate multilevel inheritance with example.	[3]
	CO-4	ii)	Write a program to implement runtime polymorphism in C++.	[3]
Q2.	CO-5	i)	Write a C++ program to read the file name and display the context of file on screen.	[3]
	CO-5	ii)	Explain seekg() and seekp() function with suitable example.	[3]
Q3.	CO-5	i)	Define a class STRING. Overload + operator to concatenate two strings.	[3]
	CO-4	ii)	What is an Abstract class? Define virtual base class with example.	[3]
Q4.	CO-4	i)	WAP to illustrate order of execution of constructors and destructors in multilevel inheritance.	[4]
	CO-5	ii)	What are generic classes in template? Define function template with example.	[3]