

**PUNE INSTITUTE OF COMPUTER TECHNOLOGY  
DHANKAWADI, PUNE – 43.**

Department of Computer Engineering

Academic Year: 2019-20 (Semester-I)

**UNIT TEST II**

**SE-ALL**

**Subject: Object Oriented Programming (210245)**

**Time:** 1 Hour

**Date:** 04/10/2019

**Max. Marks:** 30

**Instructions to the candidates:**

Attempt all questions.

Assume suitable data wherever necessary.

<b>Q. No.</b>	<b>Question</b>	<b>Marks</b>	<b>Unit No.</b>	<b>COs Covered</b>	<b>CO Mapping</b>
1	Write in detail the importance of function template and class template. Perform stack push and pop operations using class template.	6	4	CO3	H
2	Write an exception handling program which must include following: 1. re-throwing an exception. 2. throw exception from constructor. 3. stack unwinding in exception handling.	6	4	CO3	L
3	Explain file handling functions: seekg(), tellg(), read() and write() with sample code.	6	5	CO4	H
4	Explain the significance of command line arguments. Write a code to construct object of class Candidate using arguments passed at command line.	6	5	CO4	M
5	Explain the concept of file handling. Consider that “sample.txt” has already written few student objects into it. Write a program to count number of students from file and display student records.	6	5	CO4	H