

**Modern Education Society's
Wadia College of Engineering, Pune**

NAME OF STUDENT:	CLASS:
SEMESTER/YEAR:	ROLL NO:
DATE OF PERFORMANCE:	DATE OF SUBMISSION:
EXAMINED BY:	EXPERIMENT NO: B3

TITLE : SELECTION SORT USING TEMPLATE

PROBLEM STATEMENT : Write a function template for selection sort that inputs, sorts and outputs an integer array and a float array.

OBJECTIVES:

1. Provide programming insight using OOP constructs.
2. To lay a foundation for generic programming.

OUTCOMES:

1. Develop programming application using object oriented programming language C++.
2. Analyze the strengths of object oriented programming.

PRE-REQUISITES:

1. Knowledge of template.
2. Knowledge of selection sort.

APPARATUS:

1. OS: Ubuntu 18.04.2 LTS
2. Processor: Intel® Core™ i7-4790S CPU
3. Graphics: GeForce GT 610/PCIe/SSE2
4. Storage: 500 GB
5. Text Editor: gedit
6. Compiler: GNU C++ Compiler (g++)
7. Terminal

QUESTIONS:

1. What is template, Explain Function and class template in detail.
2. Explain power of template.