

SVKM'S NMIMS
SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING
NAVI MUMBAI
Academic Year: 2020-2021

Program: B.Tech
Year: II
Subject: OOP
Date: 07 / 10 / 2020
Marks: 08

Stream: CSBS
Semester: III
Time: 45 min.
No. of Pages: 1

MID TERM EXAM-II
Part-II

Instructions:

- 1) Answer to each new question to be started on a fresh page.
- 2) Figures in brackets on the right hand side indicate full marks.
- 3) Assume Suitable data where necessary.
- 4) Attempt any 2 out of 3 given choices.

Q1	Explain the concept of 'Virtual Base class' with the help of a suitable example. State its use and how it is used.	[04]
Q2	Write a C++ program that must include the following important properties of OOP and include the necessary comments where the functionalities have been included in the code: a. Encapsulation b. Data hiding c. Data Abstraction d. Procedural Abstraction	[04]
Q3	Explain the concept of friend class with the help of suitable example. What is their purpose?	[04]