



SARASWATI Education Society's
SARASWATI Institute of Technology

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Kharghar, Navi Mumbai - 410 210.

Information Technology Department

Name of Programme: - IF

Name of Course: - Object Oriented Programming(SEM-III Winter-2025)

Course Outcome. – Develop C++ Programs to solve problems using procedure oriented approaches.

Assignment –I

2 Marks Questions.

1. Difference between POP and OOP.
2. Explain Basic Concepts of OOP.
3. Explain Object Oriented Languages.
4. Write Applications of OOP.
5. Differentiate between While loop and Do-while loop.

4 Marks Questions.

1. Explain Structure of C++ Program.
2. Explain Scope Resolution Operator with example.
3. Explain Memory Management Operator with example .
4. Define Array with an example.
5. Define String with an example.
6. Explain Structure with example.

Last Date Of submission: 28/07/2025

Name of course coordinator: - Mrs. Jyoti Shinde



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Assignment –II

2 Marks Questions.

1. Define Class with Example.
2. Define Object and How to create Object.
3. Explain Access Specifiers.
4. Describe Memory Allocation for object.
5. Explain Static Data members with example.

4 Marks Questions.

1. Explain Friend Function with example.
2. Explain Array of Object with example.
3. How to define member function with example.
4. Write a program to find out area of circle using oop such that class circle must have three inline function read(),compute() and display().
5. Write a program to declare a class staff having data members name and department accept this data for 10 staff and display name of the staff are in CO department.
6. Write a program to declare a class mobile having data members price and model accept and display this data for 5 object.

Last Date Of submission: 08/08/2025

Name of course coordinator: - Mrs. Jyoti Shinde