



0923\_DAC\_Batch2\_CPP\_Lab\_Exam[date:-20-09-2023,5:30 pm] is due



Wednesday, 20 September, 7:05 PM



Course event



# SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY

Pune and Karad

## CPP Programming Lab Exam

Course Name: PG-DAC

Batch : Sep 2023

Module Name: CPP Programming

Max.Marks:40

Date: 20-09-2023

Time: 2 HR

### Instructions :

1. Create new directory by the name CPP in HOME directory.
2. Open newly created directory in VS code with open folder option.
3. After evaluation compress/zip your folder (named CPP) and upload it on EMIS.

### Q1.Create an application for e-commerce.

Create a class Person with data members name.

Create a class called as Seller with data members Seller\_name, Id

Create class Product with data members id,product\_name,price

Each Saller seles few products.

Have proper relationships.

Write a menu driven code which will have below menus

1. Add Seller
2. Add Product
3. Display products sold by specific seller
4. Display All Sellers
5. Display All Products

**use of STL(Vector) is allowed, Inheritance is compulsory.**

### Marks Distribution:-

1	Class Person , Seller, Product	2+2+2
2	Add Seller	4
3	Add Product	5
4	Display all products sold by specific seller	5
5	Display All Sellers	5
6	Display All Products	5
7	Menu Driven Program	5
8	Code modularity+ Naming Conventions + Comments	3+1+1