



COMSATS University Islamabad
Sahiwal Campus
(Department of Computer Science)

Course Title:	Object Oriented Programming	Course Code:	CSC241	Credit Hours:	4
Course Instructor:	Dr. Javed Ferzund	Programme Name:	BSCS		
Semester:	3 rd	Batch:	SP22	Section:	B
Time Allowed:	90 Minutes	Date:	10/05/2023		
Student's Name:		Maximum Marks:	25		
		Reg. No.	CUI/		/SWL

Important Instructions / Guidelines:
*Read the question paper carefully and answer the questions according to their statements.
Mobile phones are not allowed. Calculators must not have any data/equations etc. in their memory.*

Midterm Examinations Spring-2023

Note: All questions carry equal marks.

1. Explain the following:
Classes & Objects Encapsulation Polymorphism
[CLO 1]
2. Write a program which defines a class Phone having attributes Brand, Model and Price. Add set and get methods for each attribute.
[CLO 2]
3. Write a program to show the use of constructors both no argument and with argument constructor.
[CLO 2]
4. Write a program to show the use of static data members and static methods.
[CLO 2]
5. Write a program to show the use of inheritance in Java.
[CLO 2]