Name				Printed Pages:01		
Student Admn. No.:						
School of SCSE						
Backlog Examination, June 2023						
[Program: B.Sc. CS] [Semester: II]						
Course Title: Object Oriented Programming With C++ Max 1				Marks: 100		
Course Code: B080203T Time				: 3 Hrs.		
Inst	Instructions: 1. All questions are compulsory.					
2. Assume missing data suitably, if any.						
			K Level	COs	Marks	
SECTION-A (15 Marks) 5 Marks each						
1.	Differentiate user defined and system define data types in structured programming.			k1		5
2.	Define strings; write a program in C++ to concatenation two strings.			k2		5
3.				k1		5
SECTION-B(40 Marks) 10 Marks each						
Distinguish the terms structure, union and anymoration with examples						
4.	Distiliguis	in the terms structure, union and enumeration with examples.		k2		10
5.	Describe the object oriented programming language features.			k3		10
6.	Elaborate the term generic functions in consolation with generic class.			k4		10
7.	Illustrate the friend function and friend class concept with examples.					
	OR			k3		10
	Distinguish constructors and destructors with examples.					
SECTION-C (45 Marks) 15 Marks each						
8.	Explain the following term: (i) Token (ii) keywords and identifiers (iii) Array and strings.			k4		15
9.	Briefly explain the characteristics of object oriented programming with reference to		k3		15	
	its class, data member and functions implementation point of view.				13	
10	Briefly explain the following term: (i) Polymorphism (ii) Virtual base classes (iii)		k3			
	dynamic versus static binding					15
	OR Explain the following terms: (i) Expantion handling (ii) Container classes (iii) List and					13
	Explain the following terms: (i) Exception handling (ii) Container classes (iii) List and Maps					
	maps					

Note: To write the answer in more systemic ways students can use the C++ programming language code for better explanation.