LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034



B.Sc. DEGREE EXAMINATION – **COMPUTER SCIENCE**

SECOND SEMESTER - APRIL 2022

UCS 2501 - OBJECT ORIENTED PROGRAMMING USING C++

(21 BATCH ONLY)

SECTION—A Answer ALL the Questions 1. a) Define identifiers. State the rules for naming the identifiers. K1 COI b) What is class? Write its structure. (C) Define constructor. Mention its features. (C) Define file. Mention its basic operations. (E) Collaboration its basic operations. (E) Define file. Mention its basic operations. (E) Collaboration its basic operation operator? (E) Collaboration its basic operator operator. (E) By default, all the files in C++ program? (E) Define file in the blanks (E) Collaboration its used to access the private members of a class. (E) Collaboration its used to access the private members of a class. (E) Collaboration its used to access the private members of a class. (E) Collaboration its used to access the private members of a class. (E) Collaboration its used to access the private members of a class.		<u> </u>	ax.: 100 M	Iarks
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	b)	function is used to access the private members of a class	K2	CO1

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c)	deletes the object created by constructor	K2	CO1
d)	is referred to as same name in multiple forms	K2	CO1
e)	header file is required to use file I/O operations	K2	CO1
4.		x 1 = 5 N	Marks)
a)	Keywords cannot be used as identifiers	K2	CO1
b)	Functions having different names and different parameters is called function overloading	K2	CO1
c)	++ is a binary operator	K2	CO1
d)	Protected members cannot be inherited.	K2	CO1
e)	fstream is used to create a stream that performs both input and output operations in C++ file handling.	K2	CO1
,	SECTION – B		
Ansv		0 = 20 N	. y
5.	Illustrate the data types of C++.	K3	CO2
6.	Construct a C++ program to explain the concept of friend function. Mention its features.	K3	CO2
7.	Construct a C++ program for defining member functions outside and inside a class,	К3	CO2
8.	Illustrate the hybrid inheritance with an example.	K3	CO2
	SECTION C		
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9.	Illustrate the basic concepts of oops.	K4	CO3
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10.	Explain constructor overloading with example.	K4	CO3
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