Mid Semester Examination 2023

Name of the Program: Diplomo	Name	of the	Program:	Diplomo
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Semester: III Course Code: TTCS-301

Name of the Course: ___ Paper Name: Object Oriented programming with c++

Time: 1-1/2 Hour

Maximum Marks: 50

Note:

(i) Answer all the questions by choosing any one of the sub-questions.

(ii) Each question carries 10 marks

n. 4	(10 marks)			
Q1 (a)	What the concepts are of object oriented programming? Explain in detail			
(b)	Explain about scope resolution operator and explain about name space?			
	(TO HIGH NO)			
Q2 (a)	Explain the specification of class, and using objects as function			
	arguments. OR			
(b)	Differentiate between user defined data types and derived			
	data types. (10 marks)			
Q3	of dictance and display			
(a)	Write a C++ program to calculate sum of distance and display the result using friend function?			
	()R	1		
(b)	What is constructor .Explain various types of constructor with			
	example? (10 marks)			
Q4	"Overloading is a type of polymorphism" Elaborate the given			
(a)	"Overloading is a type of polymorphism" classified the statement with the help of suitable example using concept of function overloading.			
	OR			
	With example, explain friend function and friend class	1.		
an 3	With example, explain interior torretion and			
(b)	(10 marks)			
ROPA P	Write a C++ program to sort the given list of numbers in			
(a)				
	ascending order			
	OR Illustrate with an			
. (b)	Explain different forms of inheritance. Illustrate with an			
	example each type with an example.			