

Code No: P18ITT01

R18

HALL TICKET NUMBER

--	--	--	--	--	--	--	--	--	--

PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE
(AUTONOMOUS)

II B.TECH I SEMESTER END SUPPLEMENTARY EXAMINATIONS, MARCH/APRIL - 2023
OBJECT ORIENTED PROGRAMMING THROUGH C++
(IT Branch)

Time: 3 hours

Max. Marks: 60

Note: Question Paper consists of Two parts (Part-A and Part-B)

PART-A

Answer all the questions in Part-A (5X2=10M)

Q.No.	Questions	Marks	CO	KL
1	a) What is C++ Enum, And How to Use Enums in C++	[2M]	1	
	b) What is the use of Static Data class	[2M]	2	
	c) Define Multiple Inheritance and Write Syntax of Hybrid Inheritance	[2M]	3	
	d) Virtual Function Vs Friend Function	[2M]	4	
	e) Give a Simple Program for Multiple Catch Blocks	[2M]	5	

PART-B

Answer One Question from each UNIT (5X10=50M)

Q.No.	Questions	Marks	CO	KL
UNIT-I				
2.	a) Write a short note of Comparison between C and C++	[5M]	1	
	b) How to Pass a Function as a Parameter in C++	[5M]	1	
OR				
3.	a) Define Recursion Function and explain with example Program	[5M]	1	
	b) Write a C++ Program to demonstrate Default Arguments	[5M]	1	
UNIT-II				
4.	a) Write a C++ Program to add Two-dimensional array	[5M]	2	
	b) Write a C++ Program to demonstrate function with parameters	[5M]	2	
OR				
5.	a) Write a C++ Program to Multiply Two-dimensional array	[5M]	2	
	b) Write a C++ Program to demonstrate Objects as function arguments	[5M]	2	
UNIT-III				
6.	a) Write a C++ program to illustrate default constructor with 'explicit'	[5M]	3	
	b) Discuss about different types of Inheritance with any two examples.	[5M]	3	
OR				
7.	a) Write a C++ program to illustrate default constructor without 'explicit' keyword	[5M]	3	
	b) Discuss about Public and Private Inheritance	[5M]	3	
UNIT-IV				
8.	a) Discuss about pointers and arrays in C++ with example program	[5M]	4	
	b) Copy Constructor vs Assignment Operator in C++	[5M]	4	
OR				
9.	a) Discuss about Pointers and functions with example program	[5M]	4	
	b) Discuss about Pointers and Strings with example program	[5M]	4	

UNIT-V				
10.	a)	Discuss about C++ Function Templets with example	[5M]	5
	b)	Discuss about Nested Try blocks with one example	[5M]	5
OR				
11.	a)	Discuss about C++ Standard Error Stream	[5M]	5
	b)	Discuss about C++ Class Templets with example	[5M]	5
