

Code No: P18CSO01

HALL TICKET NUMBER

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

III B.TECH I SEMESTER END REGULAR EXAMINATIONS, JAN/FEB - 2022
OBJECT ORIENTED PROGRAMMING THROUGH JAVA
(Common to EEE,ME,ECE Branches)

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) Define Polymorphism	[2M]	1	1
	b) What do you mean by Static Members	[2M]	2	1
	c) Discuss about Inner Classes	[2M]	3	6
	d) Illustrate about Thread States	[2M]	4	2
	e) Write sample Applet Program	[2M]	5	1

PART-B

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

Q.No.	Questions	Marks	CO	KL
UNIT-I				
2.	a) Define i) Abstraction ii) Object iii) Class iv) Encapsulation v) Inheritance	[5M]	1	1
	b) Discuss about Java Unary operators with one example program	[5M]	1	6
OR				
3.	a) Object Oriented Programming Vs Procedural oriented programming	[5M]	1	2
	b) Discuss about Shift Operators with example Program	[5M]	1	6
UNIT-II				
4.	a) Demonstrate Multi level Inheritance with suitable program	[5M]	2	2
	b) Discuss the relationship between classes and interface	[5M]	2	6
OR				
5.	a) Demonstrate Java exception handling with example program	[5M]	2	2
	b) Discuss about types of Java constructors	[5M]	2	6
UNIT-III				
6.	a) How to access package from another package	[5M]	3	1
	b) Discuss about Java array list example program	[5M]	3	6
OR				
7.	a) Discuss about Arithmetic exception with example	[5M]	3	6
	b) Discuss about types of nested classes	[5M]	3	6
UNIT-IV				
8.	a) Write a java Program Write in to File using Write String method()	[5M]	4	1
	b) Discuss about Thread Synchronization	[5M]	4	6
OR				
9.	a) Character Stream vs Byte Streams in Java	[5M]	4	2
	b) Discuss about Thread life cycle	[5M]	4	6
UNIT-V				
10.	a) Explain Event Handling in Java	[5M]	5	2
	b) Demonstrate Dialog boxes with example	[5M]	5	2
OR				
11.	a) Discuss about Applet Structure with example code	[5M]	5	6
	b) Demonstrate Scroll Bars with example program	[5M]	5	2
