

Code No: P18CST01

R18

HALL TICKET NUMBER

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

II B.TECH I SEMESTER END REGULAR/SUPPLEMENTARY EXAMINATIONS, JAN - 2023

Java Programming

(Common to CSE,AIDS,AIIML 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) Write Structure of the Java Program	[2M]	1	1
	b) What is Inner Class? Explain	[2M]	2	1
	c) What are the states of a thread	[2M]	3	1
	d) Explain the types of exceptions.	[2M]	4	1
	e) Explain java.awt package	[2M]	5	2

PART-B

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

Q.No.	Questions	Marks	CO	KL
UNIT-I				
2.	a) Explain about Characteristics of Java.	[5M]	1	2
	b) Write a Java Program to swap two numbers without using third variable	[5M]	1	3
OR				
3.	a) Write a program to check whether the given number is prime or not	[5M]	1	3
	b) Explain about conditional statements in java	[5M]	1	2
UNIT-II				
4.	What is the importance of constructor? Write a java program to perform constructor Overloading.	[10M]	2	3
OR				
5.	a) Compare and Contrast between Method overloading and Method overriding	[5M]	2	2
	b) Write a Java program to check whether the given string is palindrome or not	[5M]	2	3
UNIT-III				
6.	State and Explain Reading and Writing Files.	[10M]	3	4
OR				
7.	What is an exception? How are exceptions handled in Java programming? Explain with suitable program.	[10M]	3	3
UNIT-IV				
8.	Write a java code to create applet and customize it based on input parameters	[10M]	4	2
OR				
9.	What is multi-threading in java? Explain inter thread communication using suitable example	[10M]	4	2
UNIT-V				
10.	Explain different types Layout managers present in AWT with sample	[10M]	5	2
OR				
11.	Explain about java event handling with an example	[10M]	5	2
