MARRI LAXMAN REDDY
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section2(f) & 12(B)of the UGC act,1956

MLRS

II B.Tech II Sem Regular End Examination, July 2022
Java Programming
(EEE/CSE/IT/CSC/CSD/CSI/CSM)

Time: 3 Hours.   Max. Marks: 70

Note: 1. Question paper consists: Part-A and Part-B.
2. In Part – A, answer all questions which carries 20 marks.
3. In Part – B, answer any one question from each unit.
   Each question carries 10 marks and may have a, b as sub questions.

PART- A
(10*2 Marks = 20 Marks)

1.	a)	Compare and Contrast Widening and Narrowing type conversion? Which is the default type conversion in Java?	2M	CO1	BL2
	b)	Outline the various ways to create Arrays in Java?	2M	CO1	BL4
	c)	Support the statement "Superclass Variable Can Reference a Subclass Object".	2M	CO2	BL5
	d)	Why abstract classes and methods?	2M	CO2	BL3
	e)	List the five keywords of Java exception handling and what is their purpose?	2M	CO3	BL3
	f)	Give the advantages and disadvantages of multithreading?	2M	CO3	BL2
	g)	Discuss on events and event sources?	2M	CO4	BL2
	h)	Differentiate TextField and TextArea components? Mention their constructors?	2M	CO4	BL2
	i)	List and examine the methods called in Applet initialization and termination?	2M	CO5	BL3
	j)	Mention the two key features of Swings?	2M	CO5	BL2

PART- B
(10*5 Marks = 50 Marks)

2	a)	What is default constructor in Java? Examine constructor overloading?	5M	CO1	BL3
	b)	Outline the history of Java?	5M	CO1	BL4

OR

3		Summarize the various types of control statements in Java?	10M	CO1	BL5

4	a)	Demonstrate the use of final to prevent inheritance and variable modification?	5M	CO2	BL3
	b)	Outline partial implementation while implementing an interface?	5M	CO2	BL4

OR

5		Write a Java program to implement AWT labels and text field controls.	10M	CO2	BL3
6	a)	Draw and examine the thread life cycle and thread states?	5M	CO3	BL4
	b)	Illustrate the use of throw and throws keywords?	5M	CO3	BL3

OR

7		Develop programs for creating own exception sub classes? Write about thread priorities?	10M	CO3	BL6
8	a)	Develop programs to handle mouse events?	5M	CO4	BL6
	b)	Illustrate the flow layout manager?	5M	CO4	BL3

OR

9		Design programs to add a series of nested menus to a pop-up window?	10M	CO4	BL5
10	a)	How to pass parameters to applets?	5M	CO5	BL3
	b)	Discuss about Jframe and Jcomponent?	5M	CO5	BL2

OR

11		Develop a swing application for registration page that uses labels, textfields, buttons, checkboxes, radio buttons and combo boxes.	10M	CO5	BL6

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