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

II B.Tech II SEM Supply End Examination, March 2022
JAVA PROGRAMMING
(CSE & IT)

Time: 3 Hours.   Max. Marks: 70

Note: 1. Answer any FIVE questions.
2. Each question carries 14 marks and may have a, b as sub questions.

1	a)	Write a Java program to display the following output using 2-D array 0 1 2 2 4 5 6 7 8 9	7M	CO1	BL3
	b)	Explain about the method overriding with an example	7M	CO1	BL4
2	a)	Write a program to input any three numbers from the console & find out the maximum number	7M	CO1	BL1
	b)	Explain the types of access specifiers used in java	7M	CO1	BL4
3	a)	Write a program to display the number of characters, words and lines in a given file	7M	CO2	BL1
	b)	What is the importance of CLASSPATH?	7M	CO2	BL1
4	a)	Explain the differences between packages and interfaces with an example	7M	CO2	BL4
	b)	Write a program to implement the arithmetic exception in java	7M	CO3	BL1
5	a)	Explain the thread synchronization with respect to multithreading. Why is it important	7M	CO3	BL4
	b)	What are the dissimilarities between the two types of java exceptions	7M	CO3	BL1
6	a)	Write a program to implement remove duplicates from ArrayList in java	7M	CO4	BL1
	b)	Explain the constructors and methods used in string tokenizer	7M	CO4	BL4
7	a)	Explain about the string tokenizer with an example	7M	CO4	BL4
	b)	Explain the life cycle of an Applet	7M	CO5	BL4
8	a)	What is Swing? Explain the concept and role of swings briefly with a program in Java	7M	CO5	BL5
	b)	Write a program in AWT to design a calculator using AWT	7M	CO5	BL1

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