R18

ANURAG Engineering College
(An Autonomous Institution)
II B.Tech II Semester Supplementary Examinations, Jan/Feb-2024
JAVA PROGRAMMING
(COMPUTER SCIENCE AND ENGINEERING)

Time: 3 Hours   **Max. Marks: 75**

Section – A (Short Answer type questions)   (25 Marks)
Answer All Questions

		Course Outcome	B.T Level	Marks
1.	What is type casting? Explain its types with proper syntax and example.	CO1	L1	2M
2.	Explain scope of variable with an example.	CO1	L2	3M
3.	How to add new class to a package? Explain with an example.	CO2	L1	2M
4.	Distinguish between Input Stream and Reader classes.	CO2	L2	3M
5.	What is a thread?	CO3	L1	2M
6.	What are Checked and Un-Checked Exception?	CO3	L1	3M
7.	Distinguish between swings Vs AWT.	CO4	L2	2M
8.	Develop a java program for passing parameters to applet.	CO4	L2	3M
9.	Wite a short note on JCheck Box.	CO5	L1	2M
10.	Write a java swing program to find the factorial of the given number.	CO5	L1	3M

Section B (Essay Questions)
Answer all questions, each question carries equal marks.   (5 X 10M = 50M)

			Course Outcome	B.T Level	Marks
11.	A)	Discuss about the features of Object-Oriented Programming.	CO1	L3	10M
		OR			
	B)	Explain briefly about String class and discuss various methods in String class with an example.	CO1	L2	10M
12.	A)	What is importance of super and this keyword in inheritance? Illustrate with suitable example.	CO2	L3	10M
		OR			
	B)	Explain how interface is used to achieve multiple Inheritances in Java.	CO2	L2	10M
13.	A)	Discuss how to set the priority to threads? What are the different ranges.	CO3	L3	10M
		OR			
	B)	Explain exception hierarchy and How does Java handle integer overflows & underflows?	CO3	L2	10M
14.	A)	What is an event and what are the models available for event handling?	CO4	L3	10M
		OR			
	B)	Explain about different types of Event Listeners.	CO4	L2	10M
15.	A)	Demonstrate the Layout Managers in java? Explain.	CO5	L2	10M
		OR			
	B)	Explain in detail about the types of drivers in JDBC.	CO5	L2	10M