

ANURAG Engineering College**(An Autonomous Institution)****II B.Tech II Semester Supplementary Examinations, December-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. List OOP Principles?	CO1	L1	2M
2. Explain Encapsulation?	CO1	L2	3M
3. Define Inheritance?	CO2	L1	2M
4. Explain about package and how to create package?	CO2	L2	3M
5. What is exception?	CO3	L1	2M
6. Explain how thread is created?	CO3	L2	3M
7. Summarize AWT class hierarchy?	CO4	L1	2M
8. Define Applet and its creation?	CO4	L2	3M
9. Explain types of Layout managers?	CO5	L1	2M
10. List types of drivers in JDBC?	CO5	L2	3M

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

11. A) Explain different Operators in Java with examples?	CO1	L2	10M
OR			
B) Discuss about the method overloading and constructor overloading with an example.	CO1	L3	10M
12. A) Explain different types of inheritances with example Java program?	CO2	L2	10M
OR			
B) Explain different Access Specifiers in java with program?	CO2	L2	10M
13. A) What is Exception? Explain Built in Exceptions in java?	CO3	L3	10M
OR			
B) Explain about Thread Group in java with program?	CO3	L2	10M
14. A) Explain mouse events handling with an example in Java?	CO4	L2	10M
OR			
B) Explain passing parameters to Applets with example in Java?	CO4	L2	10M
15. A) List swing button classes and explain with examples in Java?	CO5	L3	10M
OR			
B) Write a program to update data in the database using JDBC?	CO5	L3	10M

