

ANURAG Engineering College
II B.Tech I Semester Regular Examinations, Jan/Feb-2024
OBJECT ORIENTED PROGRAMMING THROUGH JAVA
(COMPUTER SCIENCE AND ENGINEERING)

Time: 3 Hours

Max. Marks: 60

Section – A (Short Answer type questions)**(10 Marks)****Answer All Questions**

	Course Outcome	B.T Level	Marks
1. List data types in java?	CO1	L1	1M
2. Write the String class methods.	CO1	L1	1M
3. What are the uses of super keyword.	CO2	L1	1M
4. What is the significance of final keyword.	CO2	L1	1M
5. Differences between multithreading and multitasking.	CO3	L2	1M
6. How to create user defined exceptions.	CO3	L1	1M
7. Give a note on layout managers in AWT.	CO4	L1	1M
8. What are the methods supported by KeyListener interface?	CO4	L1	1M
9. Differentiate Applet and Application.	CO5	L2	1M
10. What is the JFrame in Java?	CO5	L1	1M

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

11. A) Demonstrate nested and Inner classes with example.	CO1	L2	10M
OR			
B) Explain overloading methods and constructors with examples.	CO1	L2	10M
12. A) Illustrate with an example different forms of inheritance.	CO2	L2	10M
OR			
B) Define package. How to create and execute a package.	CO2	L2	10M
13. A) Demonstrate the difference between throw and throws statement with an example program?	CO3	L2	10M
OR			
B) Explain thread life cycle.	CO3	L2	10M
14. A) Demonstrate Choice and list Control in Java.	CO4	L2	10M
OR			
B) Explain border and grid layout managers with examples.	CO4	L2	10M
15. A) How to create Trees and Tables using swings.	CO5	L3	10M
OR			
B) Explain the JButton Swing control with an example.	CO5	L2	10M

