

ANURAG Engineering College

(An Autonomous Institution)

II B.Tech I Semester Supplementary Examinations, June/July-2024

OBJECT ORIENTED PROGRAMMING THROUGH JAVA**(COMPUTER SCIENCE AND ENGINEERING)****Time: 3 Hours****Max. Marks: 60****Section – A (Short Answer type questions)****Answer All Questions****(10 Marks)**

	Course Outcome	B.T Level	Marks
1. What is the Need for oop paradigm.	CO1	L1	1M
2. What is type conversion and casting in Java?	CO1	L1	1M
3. What are the benefits of inheritance?	CO2	L2	1M
4. What is the difference between classes and interfaces.	CO2	L2	1M
5. What is the difference between start and run method in Java Thread?	CO3	L1	1M
6. Write the benefits of exception handling.	CO3	L1	1M
7. What is the role of Adapter classes for Event Handling.	CO4	L1	1M
8. What is delegation event model in Java?	CO4	L1	1M
9. Write about Applet life cycle.	CO5	L1	1M
10. Discuss limitations of AWT.	CO5	L2	1M

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

11. A) What are the operators in Java? Explain.	CO1	L2	10M
OR			
B) Demonstrate different operators and expression in Java?	CO1	L2	10M
12. A) Demonstrate the implementation of interface with an example.	CO2	L2	10M
OR			
B) Describe method overriding with an example.	CO2	L3	10M
13. A) Explain about try, catch keywords in Exception Handling in Java.	CO3	L2	10M
OR			
B) What are thread priorities in Java? Explain with an example program.	CO3	L2	10M
14. A) What is the difference between check box and check box group?	CO4	L3	10M
OR			
B) Write a program to handle the mouse events.	CO4	L3	10M
15. A) Demonstrate passing parameters to an applet?	CO5	L2	10M
OR			
B) Explain the JLabel swing control with an example program.	CO5	L2	10M