School of Electrical Electronics and Communication Engineering
Electrical Engineering
ETE - Jun 2023

Time : 3 Hours   **Marks : 50**

SEM VI - BECE4403 - Java Programming
Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

1.	Compare thread & process with respect to Java programming.	K2 CO4 (2)
2.	Define the role of garbage collector.	K1 CO1 (2)
3.	Explain the advantages of Arraylist class in Java	K2 CO5 (2)
4.	Define main features of OOPs concept.	K1 CO2 (2)
5.	Explain abstract class in Java.	K2 CO3 (2)
6.	Identify the key characteristics and benefits of Inheritance in Java with syntax and examples.	K3 CO2 (5)
7.	Identifies the key difference and benefits of Java over C++.	K3 CO1 (5)
8.	Compare how you iterate over an ArrayList using different approaches?	K4 CO5 (6)
9.	Compare and contrast the ArrayList and LinkedList classes in Java. Discuss their characteristics.	K5 CO5 (8)
10.	Compare StringBuilder and StringBuffer Class and their methods in Java.	K5 CO4 (8)
11.	Compare multithreading & multitasking and error & exceptions with examples.	K4 CO3 (8)