



ABES Engineering College, Ghaziabad
Department of Computer Science

Session: 2023-24

Semester: 4th Section: A, B, C

Course Code: BCS 403

Course Name: Object Oriented Programming with Java

Assignment 3

S.No.	Question	KL, CO
1	What is functional interface? Explain using an example java program.	K2, CO3
2	(i) Explain lambda expression and its types using suitable example. (ii) Make a program to print factorial of a number by using Lambda Block.	K2, CO3
3	Use stream API concept to write a java program that outputs sum of integer in an array list.	K2, CO3
4.	Explain the following methods in java. a) Default method b) Static method c) forEach() method d) Importance of Type annotations	K2, CO3
5.	(i) Discuss reduction operation in Stream API. Use java code to demonstrate the concept. (ii) Write short note on try-with-resources.	K2, CO3