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Internal Assessment Test 1 – June 2024									
Sub:	Advanced Java				Sub Code:	BIS402	Branch	ISE	
Date:		Duration:	90 min's	Max Marks:	50	Sem/Sec:	IV / A, B & C		OBE
Answer any FIVE questions							MARKS	CO	RBT
1	a) Explain the methods defined by Dequeue. b) Mention and Explain different interfaces supported by Map.				5		CO1	L1	
2	a) Explain Legacy classes in collection framework with sample code. b) Explain Set interface with constructors and methods.				4		CO1	L1	
3	a) What is Comparable interface? Give the difference between compareTo() and compare() with example. b) Create a class EMPLOYEE with two private string members: employee_id, employee_Name. Using LinkedList class, develop a java program to add at least 3 objects of above Employee class and display the data in neat format				2		CO1	L3	
4	a) What is string in Java? What are the different types of String Constructors available in Java? Explain with example. b) Explain String modification methods with example.				5		CO2	L1	
5	a) Differentiate between equals() and == with respect to String class and StringBuffer. b) Explain the following with Examples: 1. valueOf() 2. toLowerCase() 3. toUpperCase() 4. indexOf() 5. toCharArray() 6. toString()				4		CO2	L1	
6	a) Explain 5 additional StringBuffer methods with example. b) Write a Java program to remove duplicate characters from the given string and display the resultant string [provide sample output].				5		CO2	L3	

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