GUJARAT TECHNOLOGICAL UNIVERSITY
BVOC- SEMESTER– II EXAMINATION – SUMMER 2023

Subject Code:1120503   **Date:20-07-2023**
Subject Name:OOPs with Java
Time:10:30 AM TO 12:30 PM   **Total Marks:50**
Instructions:
1. **Attempt all questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**
4. **Simple and non-programmable scientific calculators are allowed.**

			Marks
Q.1	(a)	Explain the structure of Java Program with example.	**05**
	(b)	Write and explain the features of Java.	**05**
Q.2	(a)	What is inheritance? Explain different types of inheritance with example.	**05**
	(b)	Explain abstract class and abstract method in java with example.	**05**
		OR	
	(b)	Explain Method overloading in java with example.	**05**
Q.3	(a)	What is interface? Explain how to implement interface with example.	**05**
	(b)	What is string in java? Explain it with example.	**05**
		OR	
Q.3	(a)	Explain wrapper class in java with example.	**05**
	(b)	Explain hiding a class in java package with example.	**05**
Q.4	(a)	What is thread? Explain creation of thread in java with example.	**05**
	(b)	Implement runnable interface. Demonstrate it with example.	**05**
		OR	
Q.4	(a)	Explain thread life cycle with neat clean state diagram.	**05**
	(b)	Explain thread exceptions in java with prior syntax.	**05**
Q.5	(a)	Explain local and remote applets in java with example.	**05**
	(b)	How to add applet to the html file?	**05**
		OR	
Q.5	(a)	Draw and Explain life cycle of applet.	**05**
	(b)	How to design a web page by using applet in java? Explain with example.	**05**

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