



## GOVERNMENT POLYTECHNIC MUMBAI

ODD TERM: 2025-26

## UNIT TEST-I

PROGRAMME: INFORMATION TECHNOLOGY

COURSE NAME: JAVA PROGRAMMING

COURSE CODE: IT23107

SEMESTER: 4<sup>th</sup>

CLASS: SECOND YEAR

SHIFT: BOTH MAX MARKS: 20 TIME: 1 Hour

Q1) Attempt the following (3x2=6)

- a) Enlist any four features of Java Programming. (CO1,R)
- b) Define Constructor in program. (CO2,R)
- c) Define for-each loop in java. (CO1,R)

Q2) Attempt the following (4x2=8)

- a) Explain constructor overloading with example. (CO2,U)  
OR
- a) Explain use of "this" keyword with example. (CO2,A)
- b) Demonstrate use of Inheritance with example. (CO3,A)  
OR
- b) Explain variable length argument with example. (CO3,U)

Q3) Attempt any two of following (3x2=6)

- a) Develop program to demonstrate visibility mode private. (CO2,U)
- b) Explain Garbage collector in java. (CO2,U)
- c) Define the term class and object. (CO1,U)

CO	R	U	A	TOTAL
CO1	4	3		7
CO2	2	10	4	16
CO3		4	4	8
TOTAL	6	17	8	31

\*\*\*\*\*Best Of Luck\*\*\*\*\*