



# Government Polytechnic, Mumbai

Name of Dept.: Information Technology

Term: Odd 2024-2025

UNIT TEST II

Course Name: Java Programming

Course Code: IT23107

Duration: 1 hr.

Marks :20

Shift: I & II

## Q.1. Attempt the following

(3\*2= 6 M)

a) Define Interface and write a keyword used to extend features of an interface. (CO3, R)

b) List keywords used for handling exception in Java. (CO4, R)

c) State the name of class and interface used to create thread in java. (CO3, U)

## Q.2. Attempt the following

(2\*4= 8 M)

a) Write a program which illustrates how to use super keyword to access variable of base class in an inheritance. (CO3, A)

OR

a) Explain steps to create user defined Package in Java. (CO3, R)

b) Write a program to handle divide by zero exception using predefined Arithmetic Exception class in java. (CO4, A)

OR

b) Explain Thread life cycle. (CO4, U)

## Q.3. Attempt any two

(2\*3 = 6 M)

a) Write a program to illustrate the concept on Interface in Java. (CO3, A)

b) Write in one line when following predefined exception may occur.

i. ClassNotFoundException    ii. FileNotFoundException    iii. ArrayIndexOutOfBoundsException    (CO4,U)

c) Explain any three predefined packages in Java. (CO3, R)

CO no.	CO3	CO4	Levels	R	U	A
Marks	18	13	Marks	11	09	11