

[QP CODE | 2070557505 |

Reg. No

--	--	--	--	--	--	--	--	--	--



DMI-ST. EUGENE UNIVERSITY

ZAMBIA

DEGREE EXAMINATION – JUNE 2024

Semester: VII

055 CS 75 PROGRAMMING IN JAVA

Time: 3:00 Hours

Max. Marks: 100

Answer any FIVE Questions (5 x 20 = 100 Marks)

1. a) Explain the characteristics of java. (10 Marks)
b) Write a java program to find whether the number is odd or even. (4 Marks)
c) Explain about the jump statements in detail with an example program. (6 Marks)
2. a) Explain the concept of exception handling in java with an example program. (12 Marks)
b) Write short notes on abstract classes with an example. (8 Marks)
3. a) How will you create multiple threads? Explain it with example program. (10 Marks)
b) Illustrate java thread model with its types. (10 Marks)
4. a) Illustrate the architecture of applet with a neat diagram. (12 Marks)
b) Write short notes on applet tag with a program. (8 Marks)
5. a) Write an html applet program to draw any shapes. (10 Marks)
b) How will you create a frame window in applet? Explain it. (10 Marks)
6. a) Explain the concepts of OOP's with example. (8 Marks)
b) Describe the concept of typecasting with an example. (10 Marks)
c) Mention all the rules while writing variables. (2 Marks)
7. a) Write short notes on AWT classes window. (8 Marks)
b) Explain buttons, text fields and labels with an example. (12 Marks)