



QP CODE: 24803618



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Reg No :

Name :

INTEGRATED MSC DEGREE EXAMINATION, JUNE 2024

Fifth Semester

CORE - ICSC5CR3 - PROGRAMMING IN JAVA

INTEGRATED MSC COMPUTER SCIENCE-ARTIFICIAL INTELLIGENCE AND MACHINE
LEARNING & INTEGRATED MSC COMPUTER SCIENCE-DATA SCIENCE

2020 Admission Onwards

AD2D43EE

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. State the two types of polymorphism?
2. What is the difference between postfix and prefix operators?
3. What is a method? List the two types of methods?
4. What is the use of access modifiers in Java?
5. What is meant by an innerclass?
6. What is an Exception ?
7. What Java interface must be implemented by all threads ?
8. What is event handler class in Java?
9. Write a short notes on Flow Layout
10. What methods are used to draw shapes in an applet?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Why java became platform independent language? Explain.
12. Write a program to print multiplication table in java





13. Explain Super Keyword
14. What are the characteristics of final keyword.
15. Can we pass an array to a method ? Demonstrate with the help of an example.
16. What is the difference between AWT and swing ?
17. Describe the following attributes of applet : (i) Codebase (ii) Alt (iii) Width (iv) Code
18. Write a simple program to establish database connectivity.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. With the help of an example Explain about the Iteration Statements
20. When will you declare a method as a static? Explain static method with suitable example.
21. Explain different string methods used in Java.
22. Define user defined packages.What are the steps involved in creating and using packages with example

(2×5=10 weightage)

