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1305E613

Candidate's Seat No: _____

**IMSc. CSF (NEP) Sem.2 Examination
MDC- ICSF 124 T**

Adv Object Oriented Prog-Java

May-2025

Time : 1.00 Hour]

[Max. Marks : 25

Question 1 Answer the following questions:

- i. Explain Class and Object with an example. 5Marks
- ii. What is inheritance? Explain all types of inheritance. 5Marks

OR

- i. Explain Constructor and its types 5Marks
- ii. What is and array? Explain Types of arrays with example. 5Marks

Question 2 Answer the following questions:

- i. Explain all access specifier with diagram. 5Marks
- ii. Explain Thread Life cycle. 5Marks

OR

- i. Explain five Keywords in Exception. 5Marks
- ii. Explain Wrapper class with examples. 5Marks

Questions 3: Attempt any Five out of Six.

05 Marks

1. Which virtual machine runs Java bytecode?
2. What structure stores multiple values of the same type?
3. What is the blueprint of an object in Java?
4. What is the process of converting a primitive to an object automatically?
5. What do we create in Java to group related classes and interfaces?
6. Which class in Java represents all exceptions that can be caught?

.....X.....X.....