

M-532110

**JAVA PROGRAMMING-314**  
**SEMESTER-V**

10568/N

**Time Allowed: Three Hours****Maximum Marks: 75**

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**Note: The candidates are required to attempt one question each from Section A, B, C and D carrying 15 marks each and the entire Section E consisting of 5 short answer type questions carrying 3 marks each.**

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**SECTION-A**

1. What are various data types? Discuss rules for typecasting.
2. What do you mean by an array? Explain the Multi-Dimensional array in detail.
3. Discuss various types of control structures in Java.
4. How multiples classes can be defined in Java? Discuss the role of constructor in the class.

**SECTION-B**

5. What is method overriding? Explain with a suitable example.
6. What is an abstract class? Explain the procedure to create an abstract class with suitable examples.
7. What is exception handling? Discuss the role of try, catch, finally, throw and throws statement in detail.
8. What do you mean by a thread? Discuss the life cycle of a thread.

**SECTION-C**

9. Write a short note in the following:

- a) token
- b) static
- c) Classpath
- d) Use of Super
- e) Command-line argument