

Exam. Code : 304802

Subject Code : 7534

P.G. Diploma in Web Designing 2nd Semester

PROGRAMMING IN JAVA

Paper—II

Time Allowed—3 Hours]

[Maximum Marks—50

Note :- Attempt **five** questions. All questions carry equal marks.

1. Write short notes on :

- (a) Polymorphism
- (b) Encapsulation
- (c) Data Abstraction
- (d) Data Binding.

2. Explain various literals available in Java using examples.

3. (a) Explain the concept of implicit type conversion using an example.

(b) Demonstrate the use of if-else-if ladder using an example.

4. Explain the difference between Break and Continue statement citing an example.
5. How is a constructor different from a normal member method ? Discuss.
6. Write a program to calculate the roots of a quadratic equation using a concept of class.
7. How Java supports Multiple Inheritance ? How can we achieve it ?
8. How does Java handle exceptions ? Explain using example.