

[CB-BS325]

AT THE END OF THIRD SEMESTER (CBCS PATTERN)

DEGREE EXAMINATIONS

**COMPUTER SCIENCE-III-OBJECT ORIENTED PROGRAMMING
USING JAVA**

(From The Admitted Batch of 2015-16)

Time : 3 Hours

Maximum : 75 Marks

SECTION - A

I. Answer any FIVE from the following.

(5 × 5 = 25)

1. What are the benefits of Java?
2. Briefly explain static members in Java.
3. Explain difference between vectors and arrays in Java.
4. How will you stop and block a thread?
5. How to pass parameter to applets?
6. Explain the scope of variables in Java.
7. What are abstract classes?
8. What is multi catch statement? How it works?

SECTION - B

II. Answer all the questions.

(5×10=50)

9. a) Explain the basic concepts of OOP.

(OR)

- b) Explain Java Virtual Machine.

10. a) Explain different Operators available in Java.

(OR)

- b) Define class and object. Explain how to access class members in Java with example.

11. a) What is inheritance? Explain different forms of inheritance in Java.

(OR)

- b) What is string? How Java strings are different from others? Explain its methods.

12. a) What is thread? Explain different ways to creating threads in Java with example.

(OR)

- b) What is Exception? Explain how to handle Java exceptions with example.

13. a) Define Applet. Explain applet life cycle with neat diagram.

(OR)

- b) What are different types of packages available in Java? Explain.
