

[CB-BS325]
AT THE END OF THIRD SEMESTER
(CBCS PATTERN) EXAMINATION
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 questions. (5×5=25)

1. Explain the merits and demerits of OOP.
2. Define class and members. Explain how to access class members in Java.
3. Explain nesting methods in Java.
4. Explain thread properties in Java.
5. Write about API packages.
6. Different data types available in Java.
7. What is Vector? Explain with example.
8. List some of the most common types of exceptions that might occur in Java.

SECTION - B

II. Answer ALL the questions. (5×10=50)

1. a) What is object-oriented programming? How it is different from procedure oriented programming.

(OR)

5000

[Turn over,

b) Explain about Java Virtual Machine.

2. a) Explain different control structures in Java.

(OR)

b) What is Constructor? What are the properties of Constructor.

3. a) Explain various advantages of inheritance. Why multiple inheritance is not supported in Java.

(OR)

b) What is an interface? Explain defining, extending, implementing interfaces with example.

4. a) What is a Thread? Explain different ways to create threads in Java with examples.

(OR)

b) What is an error? Explain different types of errors in Java.

5. a) What is an Applet? Explain different types of applets in Java.

(OR)

b) What is a package? How to create, access and use package?
