

C 3311

B.Sc. (Three Year) DEGREE EXAMINATION, OCTOBER/NOVEMBER 2017.

End Semester Examination

Third Semester

Part II : Computer Science

(Regular/Supplementary)

Paper III : OBJECT ORIENTED PROGRAMMING USING JAVA

Time : 3 Hours

Max. Marks : 70

PART — A

Answer any FIVE of the following questions. **(5 × 4 = 20 Marks)**

1. Describe the various separators used in JAVA.
2. What is the use of static methods in JAVA.
3. What are conditional operators? Explain with example.
4. What is vector? Write any four vector methods.
5. How can you implement interfaces?
6. How many catch blocks can we use with one try block.
7. Write a procedure to adding a class to a package.
8. Describe the structure of Java program.

PART — B

Answer ALL of the following questions. **(5 × 10 = 50 Marks)**

UNIT I

9. (a) What are the Java features? Explain each one.

Or

- (b) Give an examples for “logical operators” and expressions.

Turn Over

UNIT II

10. (a) Explain different types of looping statements in Java.

Or

- (b) With a Java program for method overloading.

UNIT III

11. (a) What is inheritance and how does it help us create new classes.

Or

- (b) With a Java program to sort elements using array.

UNIT IV

12. (a) What is Thread? How can you implement thread? Explain with suitable example.

Or

- (b) What is exception handling? Explain in detail.

UNIT V

13. (a) Explain Applet life cycle.

Or

- (b) Describe about Input stream classes and output stream classes.
