B.Sc. DEGREE EXAMINATION – DECEMBER, 2018.

Third Year

JAVA PROGRAMMING

Time : 3 hours   Maximum marks : 75

PART A — (5 × 5 = 25 marks)

Answer any FIVE questions.

1.   Give a brief description of bitwise operators in java.

2.   Discuss the working method of if...else statement in Java with example.

3.   What is the use of final keyword? Explain.

4.   Explain the concept of applet creation in Java.

5.   List out any five built-in packages.

6.   Write a program to find whether the given number is Prime or not.

7.   Explain the concept of Java Virtual Machine (JVM).

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain the various data type of Java in detail with example.

9. What is constructor? Explain the working of constructor in Java.

10. Explain the types of inheritance with examples.

11. Explain the concept of interface in detail with example.

12. Explain the concept of wrapper classes with example.

13. Explain the life cycle of a thread with a neat diagram.

14. Discuss the concept of class and object in detail with example program.

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