

AL - 538

Fifth Semester B. C. A. (Part - III) Examination

CORE JAVA**5 ST 1****P. Pages : 3****Time : Three Hours]****[Max. Marks : 60****Note : (1) All questions are compulsory.****(2) All questions carry equal marks.**

1. (a) Write Java features over other languages. 6
- (b) Discuss conditional operators and Bitwise operators. 6

OR

2. (a) Explain (i) JVM (ii) Javac (iii) Jdb 6
- (b) Describe the different type of controlstatement with example. 6
3. (a) What is class ? Explain with example. 6
- (b) What is the use of the Super keyword in Java? Explain. 6

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OR

4. (a) What is method overloading ? Explain with example. 6

(b) What is the use of final keyword in Java ? Explain. 6

5. (a) Define implementation of interface with example. 6

(b) Write procedure to create User Defined Package. 6

OR

6. (a) State the difference between an interface and an abstract class. 6

(b) What are the advantages of using a Package ? Explain. 6

7. What is exception handling mechanism ? Explain five keywords for exception handling. 12

OR

8. (a) What is role of throw keyword ? Explain. 6

(b) Is it compulsory to include final block in a program in Java ? Justify your answer. 6

9. (a) What is applet ? What are the various steps in developing an applet ? 6

(b) Explain Event listener Interface. 6

OR

10. (a) Explain the Event Handling Mechanism of Java. 6

(b) Write a program to display Olympic symbol on Applet. 6

