D28/T60/P30/P32/CMP247/EE/20180105

Time : 3 Hours   **Marks : 80**

Instructions :

1. All Questions are Compulsory.

2. Each Sub-question carry 5 marks.

3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.

4. Question paper of 80 Marks, it will be converted in to your programme structure marks.

---

1. Solve any **four** sub-questions.

    a) Explain the applications of OOP.   5

    b) Define keywords. Give examples of it.   5

    c) Explain the various features of JAVA.   5

    d) Explain the Logical Operators in JAVA.   5

    e) What is Java Environment? Explain in brief.   5

2. Solve any **four** sub-questions.

    a) Short note on Inheritance and types of Inheritance.   5

    b) What is Type Casting? Explain with example.   5

    c) Describe the switch statement.   5

    d) Explain the Final variables and methods.   5

    e) What are the Relational Operators in JAVA?   5

3. Solve any **four** sub-questions.

   a) Explain the Final Class.   5

   b) Define Annotations.   5

   c) Define Vector class. List the various methods of Vector class.   5

   d) What is Constructors? List the types of constructors.   5

   e) Explain the Lifecycle of Thread.   5

4. Solve any **four** sub-questions.

   a) Explain the Exception Handling in JAVA.   5

   b) What is Error? Explain the types of Errors.   5

   c) What is Interface? Why we use Interface in JAVA?   5

   d) Short note on Try-Catch and Finally.   5

   e) Difference between JAVA and C.   5

+++++++