Roll No. ....

OLE-3231

B. Tech. 5th Semester (CSE)
Examination – April, 2021
PROGRAMMING IN JAVA
Paper : PCC-CSE-309-G

Time : Three hours]   *[Maximum Marks : 75*

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt *five* questions. Q. No. **1** is *compulsory*. Select *one* question from each Unit.

1. (a) What is Final keyword ?

     (b) What is meant by static and dynamic binding ?

     (c) What is Thread Priority ?

     (d) What is JAR format ?

     (e) What is JVM and JRE ?

     (f) Differentiate Enumeration and Iterator.

UNIT – I

2. (a) Describe the structure of a typical Java Program.

     (b) Explain various characteristics of Java programming Language.

3. (a) Explain various operators available in Java with example.

   (b) Describe security policy and security architecture in JAVA.

UNIT – II

4. (a) What is interface ? What is the major difference and similarity between interface and class ?

   (b) What is applets ? Write applets to draw circle inside a square.

5. (a) What is inheritance ? Describe various type of inheritance.

   (b) What is method overloading and method overriding ? Explain with example.

UNIT – III

6. (a) What is Exception ? Explain how to deal with exception.

   (b) What is Package ? How to create and access a Package ?

7. (a) What is multithreading ? Explain inter-thread communication.

   (b) What is AWT ? What are the components of AWT in JAVA ?

UNIT – IV

8. (a) Describe Role and importance of collection framework.

   (b) What is procedure ? How to create and execute procedure ?

9. (a) What is JDBC ? Explain types and usage of JDBC drivers.

   (b) What is stream class ? How are the stream class classified ? Explain.

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