S. B. Roll. No………………………………………

OBJECT ORIENTED PROGRAMMING USING JAVA
4th Exam/CSE/IT/2295/Jun'2022
(For 2018 Batch Onwards)

Duration: 3Hrs.   **M.Marks:75**

SECTION-A

Q1. a) Expand the following.   **15x1=15**

  i.   JVM
  ii. GUI
  iii. API
  iv. JRE
  v.   JDBC

b) State True or False

  vi.   Java supports multiple inheritances.
  vii. Java is a case sensitive language
  viii. Java is an object-oriented programming.
  ix.   Constructors must have the same name as the class.
  x.   Errors are typically ignored in the code.

c) Fill in the blanks

  xi.   There are _____ways to create thread in java.
  xii. A variable of array type holds a _____ to an object.
  xiii. Encapsulation is also referred to as _____.
  xiv. _____can also be overloaded.
  xv.   JIT converts_____ into machine code.

SECTION-B

Q2. Attempt any six questions.   **6x5=30**

  a. Why garbage collection is required in Java?
  b. What is a constructor? How it can be invoked?
  c. What is inheritance? What are its types?
  d. What is the purpose of exception handling?
  e. What is an interface? Explain with example?
  f. Write a Java Program to add two numbers.
  g. Write a program in java to print days of a week.
  h. Explain the various features of java.

SECTION-C

Q3. Attempt any three questions.   **3x10=30**

  i.   Explain various control statements in Java.
  ii. Explain various data types available in java along with memory requirement.
  iii. Explain Multilevel Inheritance and Hierarchical Inheritance with example.
  iv. How packages are created and imported in java? Explain with example.
  v.   Explain various concepts of object-oriented programming in detail?

S. B. Roll. No......................................

OBJECT ORIENTED PROGRAMMING USING JAVA
4th Exam/CSE/IT/2295/Jun'2021
(For 2018 Batch Onwards)

Duration: 1.15Hrs.   **M.Marks:25**

SECTION-A

Q1. Attempt any three questions.   **3x5=15**
   i.   What is difference between Object oriented programming and Procedural oriented programming?
   ii. Explain various primitives' data types available in java?
   iii. How class members can be accessed by using objects in java? Explain with example.
   iv. Explain Constructor overloading with example?
   v.   Write a program in java to print days of a week.
   vi. Explain Method overriding in java with example?
   vii. How interface can be declared and accessed? Explain with example.

SECTION-B

Q2. Attempt any one question.   **1x10=10**
   a. Explain various concepts of Object oriented programming in detail?
   b. Define constructor? Explain various types of constructor with example?
   c. Explain various types of inheritance with example?
   d. Explain various control statements available in java with examples.