8874

BCA IIIrd (Odd) Semester Examination, 2023

OBJECT ORIENTED PROGRAMMING USING JAVA

Paper : BCA–302

Time : 3 Hours]   [M.M. : 70

Note :– Answer any *five* questions. All questions carry equal marks.

1. Explain the concept of object-oriented programming. Also explain object-oriented design origin and concepts.

2. Define an object and a class. What is data modelling ?

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3. Distinguish Method Overriding and Method Overloading. Explain with suitable Java Code.

4. Explain Constructors and its types using appropriate code. Also explain constructor overloading.

5. Describe JVM. Also explain Type Casting in Java using appropriate code.

6. Mention various Arithmetic, Relational and logical assignment operators in java using appropriate example of each.

7. Write a program in java to represent one dimensional and two-dimensional arrays. Also explain the concept of Wrapper classes.

8. Write a java program to implement inheritance concept. Also explain Abstract Methods and Classes.

9. Write about various types of exceptions and exception handling using appropriate code.

10. Explain Life Cycle of a Thread. Also explain the concept of Thread Exceptions and Thread Priority using appropriate code.