B. Tech (Sixth Semester) Examination 2022

(Computer Science & Engineering)

JAVA

Time Allowed: Two Hours

Maximum Marks: 70

Note: *Each question carries equal marks (i.e., 5). Attempt any 14 questions.*

Q.1   Explain any five features of Java.

Q.2   Write down any five differences between Java and C.

Q.3   Write any five points of JVM.

Q.4   How many operators are used in Java.

Q.5   Describe the Web browsers of Java with example.

Q.6   Write the differences between Method Overloading and Method Overriding.

Q.7   WAP to find area of rectangle using Command line argument.

Q.8   WAP to generate Fibonacci series by using While loop.

Q.9   WAP to find the square root of 256.

Q.10 What is Synchronization? When do we use it?

Q.11 What do you mean by Abstract methods? Explain in five points?

Q.12 Write a program of Multiple Inheritance.

Q.13 Explain the lifecycle of a Thread in details.

Q.14 WAP to area of circle and area of rectangle using Implement Interface.

Q.15 WAP to multiplication and division of two number using Static member.

Q.16 Write the difference between Class and Interface.

Q.17 Describe the different stages in the lifecycle of an Applet.

Q.18 What is wrapper class? Why do we need it?

Q.19 Write down any five differences between Multithreading and Multitasking?