

**SESSIONAL ONE EXAMINATION**  
**B. TECH, December- 2021**

**Paper Code: PCC-CSE-309G**

**Subject: JAVA**

**Time: Two Hours**

**Max. Marks: 30**

**Note: Attempt any *three* questions including Q.no. 1 which is compulsory. All questions carry equal marks.**

**Q.1. All parts of question no. 1 carry 2 marks each. (10)**

- 1) Evolution of java.
- 2) What is Final Keyword?
- 3) What is JVM, JDK and JRE?
- 4) Introduction to JAR Format.
- 5) Explain Sandbox Model of java.

**Q.2. Describe the structure of typical java program. Explain various characteristics of java. (10)**

**OR**

**Explain Various operators available in java with example. (10)**

**Q.3. What is inheritance. Describe various types of inheritance. (10)**

**OR**

**What is Method overloading and Method overriding? Explain with example. (10)**

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