

# Parul Institute of Engineering and Technology (MCA)

## MCA 3 : 630002 – Fundamental of Java Programming

### Assignment – 1 (A) (For odd roll number 1, 3, 5.. (Including lateral))

1. Explain how platform independence is achieved in java.
2. Explain the concept of data encapsulation, inheritance and polymorphism in object oriented programming language.
3. Define Bytecode. 02
4. A single Java file can contain one or more Java applications (True/False)
5. Java is one platform. (True/False)

### Assignment – 1 (B) (For even roll number 2,4,6...)

1. Observe the interaction involved in the process of booking a railway ticket. Write down the classes and methods required for it.
2. main() method is required to be written in applet. (True/False)
3. List and Explain features of Java. 02
4. Why Java is so popular? 03
5. How many different types of programs create in Java? Explain in detail. 03