OOP with Java Machine Test - 11

March-24/ OOP\_with\_JAVA/011 Time: 02:00hrs

OOP with Java

Diploma in Advance Computing

March 2024

Q1. Write a java program to demonstrate multi-level inheritance in Java, we create a class hierarchy that mimics this evolution. The base class (**Bicycle**) represents the simplest form of transportation with pedals. The next class (**Motorbike**) inherits from **Bicycle** and introduces an engine. The final class (**ElectricBike**) inherits from **Motorbike** and adds an electric motor and battery, showcasing advancements in transportation.

Q2. Write a JAVA program to implement constructor overloading on the bases of ***player name*** and ***player country***.