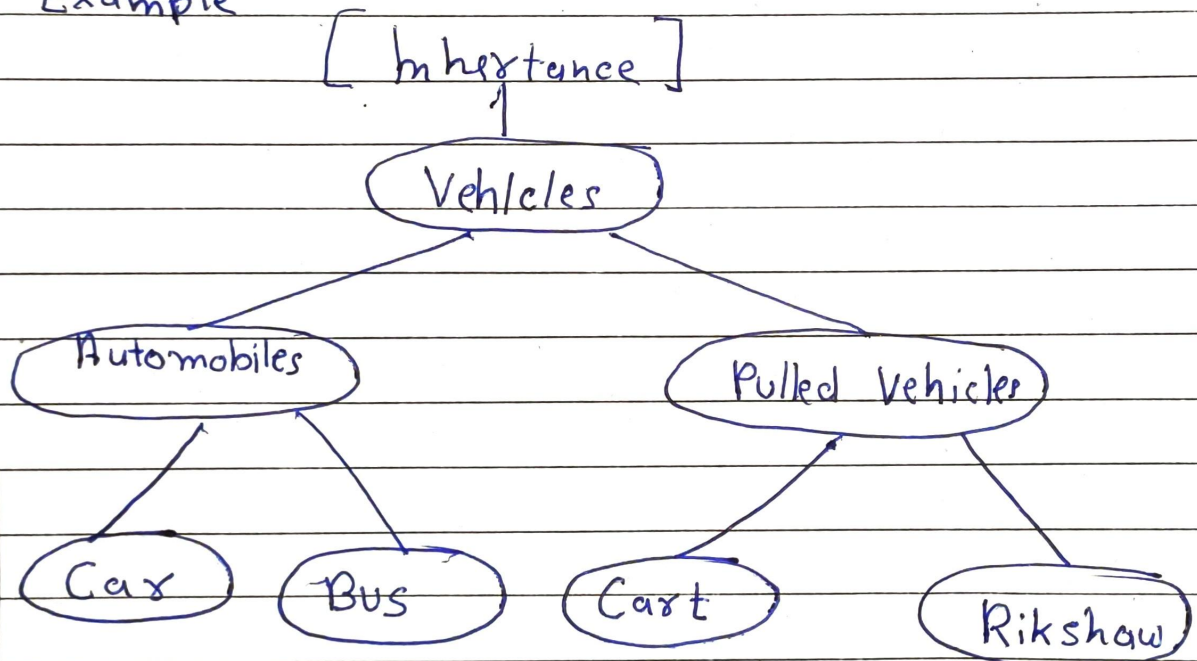


Question 2

Ans

Inheritance is a mechanism in which one class acquires the property of another class, for example, a child inherits the traits of his/her parents, with inheritance, we can reuse the fields and methods of existing class hence, inheritance facilitates reusability and is an important concept of OOPS.

Example



- Automobiles and Pulled vehicles are subclasses of Vehicles
- Vehicles are the base class or superclass of Automobiles and pulled vehicles

- Automobiles are the base class or Super class of car and Bus

For example let there is a class name Student inherits from the class person. Then although Student is a person the reverse is not true. A person need not to be a student. The class Student has properties that it does not share with class Person