BS IT II (Morning/Evening)

Assignment of Object-oriented Analysis & Design

Q1 Briefly describe the following fundamental concepts of object-oriented world.

• Objects:

• Class:

• Abstraction:

• Encapsulation:

• Inheritance:

• Polymorphism:

Q2: List the differences between Object Oriented and Traditional Analysis & Design Techniques.

Q3: List the principles of Object-Oriented Modeling

Q4: What are the building blocks of UML?

Q5. List the four kinds of relationships we use in UML.

Q6. Read the following and draw Class and Use Case diagrams given below.

This is an Order Management System of an application. Here a Customer can have multiple Orders, but an Order is related to exactly one Customer. There are two types of Orders: Special-order and Normal Order. Special-order and Normal Order have all the properties as the Order. In addition, they have additional functions like dispatch and receive.