**ASSIGNMENTS C++ [ UDAY ]**

**2. What is OOP? List OOP concepts.**

**Ans :**

OOP stands for Object Oriented Programming. OOP is about creating objects that contain both data and functions.

List of OOP concepts are: 1. Class , 2. Object , 3. Constructors, 4. Encapsulation,

5. Inheritance , 6. Polymorphism.

**3. What is the difference between OOP and POP?**

**ANS:**

|  |  |
| --- | --- |
| OOP | POP |
| Object Oriented Programming | Procedure Oriented Programming |
| Program is divided into parts called Class | Program is divided into parts called function |
| Follows Bottom Up approach | Follows Top Down approach |
| Have Access Specifier like Public, Private & Protected | Does not have Access Specifier |
| objects can move and communicate with each  other through member functions.  objects can move and communicate with each  other through member functions.  It provide easy way to add new data & function | It’s not so easy to add data & function |
| overloading is possible in the form of Function Overloading and Operator Overloading | Overloading is not possible |
| Example : C++, JAVA, VB.NET, C#.NE | Example : C, VB, FORTRAN, Pascal |