# C++ Assignment

## Q.1 What is OOP ? list of OOP concepts.

OOP stands for object oriented programming and is based on the concept of objects.oop, a computer programming model that organized software design around data or objects rather than functions and logic.

- List of OOP concepts:
  - 1. Class.
  - 2. Objects.
  - 3. Inheritance.
  - 4. Abstraction.
  - 5. encapsulation.
  - 6. polymorphism.

### Q.2 What is the difference between OOP and POP?

### OOP:

- 1. OOP full form is object oriented programming.
- 2. OOP is approaching bottom to up in programming.
- 3. In OOP data hiding is possible.
- 4. Each object controls its own data.

#### POP:

- 1. POP full form is process oriented programming.
- 2. POP is approaching top to down.
- 3. No easy way for hiding data in POP.
- 4. Each function contains different data.