

## **Basics of C++**

**Q1- what are the feature of c ++?**

**Ans1-**C++ is high level object oriented programming language. Which is devolved in AT&T bell laboratories 1980 by Bjarne Stroustrup. Following are some feature of C++.

1. Class
2. Object
3. Inheritance
4. Polymorphism
5. Encapsulation
6. Abstraction

**Q2- what is the use of “using namespace” in C++ program?**

**Ans2- Using namespace-** same name can be available in the different libraries but in the same scope, you can't define same name to multiple variable, function and classes. So namespace is used to reduce this difficulty.

For example- In the class there is the possibility of more than one student having a same name. Here to identify them you gave them a specific identification number. Like 1,2,3....name space is doing same to the variable.

**Q3- what are the main applications of C++?**

**Ans3-** Followings are the application of c++.

1. C++ allow us to create object-oriented libraries which can be used by other programmers.
2. Like C programming language, C++ also very closed with machine level language.
3. C++ map the real-world problem properly.
4. It can easily maintainable and extendable. You can easily add more feature with it.
5. Programmer can built-large program with clarity.
6. Object-oriented feature like- class, inheritance, function overloading, operator-overloading and polymorphism are used in c++.