**Assignment 1**

1. Briefly explain and uses of the following operators with small programs.
   1. **<<**  insertion operator
   2. **>>**  extraction operator
   3. **: :**  scope resolution operator
   4. **: :\***  pointer to member declarator
   5. **delete** memory release operator
   6. **new** memory allocation operator
   7. **sizeof() Size of Object**
2. Define Constant Pointers.
3. What do you mean “Return by Reference”? Explain with examples.
4. Show one function returns more values by References.
5. Define Inline function. What are the pros and cons of inline function?
6. Write the objectives, principles, precautions of Function Overloading with examples.
7. Write down the advantages of OOP.