**Answers**

Question No.1

Question No.2

Class variables -  a variable that's defined within a class and shared by all instances of that class.

Example;

Instance variables -  this is a a variable that is created when a class is defined and is accessible by its name.

Example;

Local variables -  is a variable that is only accessible within the function or block of code in which it is defined.

Example;

Question No.3

* Static error detection
* Dynamic error detection
* Print debugging
* Debugging techniques

Question No.4

Question No.5

Question No.6

X++ increments the value of x by 1,for instance x =x+1

X—decrements the value of x by 1

X + =y means that x=x+y

Question No.7

A==B means equal to while A!=B means not equal.