1. What is class and Object?

a) A Class is a user defined data type which contains data members and member functions .data members are the data variables and member functions are the functions

the functions that are used to perform operations on these variables.

Object is an instance of a class or blue print of a class.

2.What is the size of an Empty class's object?

An Empty class's object will take only one byte in the memory; since class doesn't have any data member it will take minimum memory storage. One byte is the minimum memory amount that could be occupied.

3.Why the Size of Empty class Not Zero in C++?

a)1 byte is allocated by the compiler to an object of an Empty class for its unique address identification.If a class has multiple objects they can have different unique memory locations

e.g:

Class A