

COMPUTER SCIENCE  
CLASS XII  
ASSIGNMENT-6  
INHERITANCE

1. What is the need for inheritance? What are various types of inheritance?
2. What are the 3 ways in which class can be derived?
3. What is abstract class? How does it differs from concrete class?
4. How are constructors invoked in the derived class?
5. Why the access to global variable is not possible in the derived class member function which is of same name as that of a private data member of the base class ?
6. Class “a” has public member x. When class “b” is derived from “a” publically can x be made private explicitly in class “b”?
7. Give example of multiple inheritance
8. Why are classes sometimes derived virtually?
9. Give the significance of protected members.
10. What is the size of the derived class object?
11. How does invoking of constructor differ in inheritance and containership?
12. Give an example of multi level inheritance .
13. What is the difference between friendship and derivation?
14. Class “a” is derived from class “b” which is derived from class “c”. What is the order of invoking of constructors and destructors of these classes ?
15. Differentiate between containership and inheritance.

