

## CHAPTER 10

### INHERITANCE

#### One marks questions:

1. What is inheritance? (U)
2. How is inheritance implemented in C++? (U)
3. What is a base class? (U)
4. What is derived class? (U)
5. Give any one advantage of inheritance? (U)
6. What is single level inheritance? (U)
7. What is multilevel inheritance? (U)
8. What is hierarchical inheritance? (U)
9. What is hybrid inheritance? (U)
10. What is multiple inheritance? (U)
11. When is it necessary to use inheritance? (A)
12. What is visibility mode? (U)
13. What is a super class? (U)
14. What is a subclass? (U)

#### Two marks questions:

1. Write any two advantages of inheritance. (U)
2. Mention any two types of inheritance? (U)
3. What is single inheritance? Give an example. (U)
4. What is multilevel inheritance? Give an example. (U)
5. What is hierarchical inheritance? Give an example. (U)
6. What is hybrid inheritance? Give an example. (U)
7. What is multiple inheritance? Give an example. (U)
8. Write the syntax to define a derived class. (U)

#### Three marks questions:

1. Write any three advantages of inheritance. (U)
2. Mention any three types of inheritance? (U)
3. Mention the types of inheritance. Explain any one. (K)
4. Write the syntax and example to define a derived class. (U)
5. Write an example for the use of constructors in single level inheritance. (A)
6. Explain public inheritance. (U)
7. Explain private inheritance. (U)
8. Explain protected inheritance. (U)

#### Five marks questions:

1. Explain the different types of inheritance. (U)
2. What are the advantages of inheritance? (U)
3. What is visibility mode? Explain private and public inheritance. (A)

4. What is inheritance? Explain any two types of inheritance. (U)
5. What is inheritance? Explain multiple and multilevel inheritance. (U)
6. What is inheritance? Explain any hierarchical and hybrid inheritance. (U)