

CHAPTER 7  
CLASSES AND OBJECTS

**One mark questions:**

1. What is an object? (K)
2. What is a class? (K)
3. What does the class definition specify? (S)
4. What does the class declaration specify? (S)
5. Why are access specifier used? (U)
6. Mention any one access specifier? (U)
7. Which is the default access specifier? (U)
8. Which operator is used to access members of a class? (U)
9. Which type of data members can be accessed outside the class? (U)
10. What is the use/significance of scope resolution operator? (U)
11. What is an array of objects? (U)
12. Can an array be a member of a class? (U)
13. What are data members? (U)
14. What is the use of member-functions? (U)
15. What are access specifiers? (U)
16. How do you access a member function of a class? (U)
17. What are class instances called as? (U)
18. Write the syntax to declare an object of a class. (U)
19. Give an example for object declaration. (U)

**Two marks questions:**

1. What is the difference between class definition and class declaration? (U)
2. Write the syntax of class definition. (U)
3. Why are access specifiers used? Mention the different access specifiers. (U)
4. How do you access the class member? Explain with syntax. (U)
5. Describe the significance of scope resolution operator. (U)
6. How do you define a member function outside the class definition? Write the syntax. (U)
7. Describe how to create an object with syntax and example. (U)
8. Explain with suitable example how arrays can be used as data member of a class. (U)
9. Discuss private access specifier. (K)
10. Explain public access specifier with example. (K)
11. Explain protected access specifier. (K)
12. How are objects passed as an argument to a function? Give an example. (A)
13. What are member functions? Name two methods to define member functions. (U)
14. Give an example to define a member function inside the class. (U)
15. Give an example to define a member function outside the class. (U)
16. Explain array of objects with an example. (U)
17. How do you access the class members? Explain with syntax and example. (U)

18. Write the characteristics of a member function defined outside the class. (K)
19. What is the significance of a class in OOP? (U)
20. How do you define an array of objects? (U)
21. Explain how to define objects of a class with example. (U)
22. Write the difference between class definition and class declaration. (U)

**Five marks questions:**

1. Explain the class definition with syntax and example. (U)
2. Explain the access specifiers with example. (U)
3. How do we define member functions? Explain any one with example. (U)
4. Explain how do we define member function inside the class definition. Give example. (U)
5. Explain how do we define member function outside the class definition. Give example. (U)
6. What are member functions? Write the characteristics of member functions. (U)
7. How do you create an object of a class? Explain with a programming example. (U)
8. Explain arrays as member of the class with suitable programming example. (U)
9. What is array of objects? Explain with an example. (U)
10. Describe how the objects can be used as function arguments. (U)