

CHAPTER 9  
**CONSTRUCTORS AND DESTRUCTORS**

**One marks questions:**

1. What is a constructor? (U)
2. What is the need of constructors? (U)
3. Name the access specifier used to declare a constructor? (U)
4. How many types of constructors are there? (U)
5. What is a default constructor? (U)
6. What is a zero argument constructor? (U)
7. What is the drawback of default constructor? (U)
8. What is a parameterized constructor? (U)
9. Write any one feature of parameterized constructor. (U)
10. Name any one method to invoke parameterized constructors. (U)
11. How do we call a constructor explicitly? (S)
12. How do we call a constructor implicitly? (S)
13. When is = (Assignment) used with constructor? (U)
14. What is a copy constructor? (U)
15. Write the syntax of declaration of copy constructor. (U)
16. What is meant by constructor overloading? (U)
17. What is a destructor? (U)
18. Which operator is used with destructor? (U)
19. Give one difference between default and parameterized constructors. (U)

**Two marks questions:**

1. What is a constructor? Mention its types. (U)
2. Write the features of default constructors. (U)
3. Mention the disadvantages of default constructors. (U)
4. What are parameterized constructors? How are they invoked? (U)
5. Write the features of parameterized constructors. (U)
6. When do you use the copy constructor? (U)
7. Write the features of copy constructor. (U)
8. Why are constructors needed in a program? Justify. (A)
9. Write the syntax and example of default constructor. (U)
10. Which are the different methods to invoke parameterized constructor? (U)
11. Write an example to show the use of parameterized constructor through explicit call. (U)
12. When is copy constructor used in a program? (U)
13. Write syntax and example of copy constructor. (U)
14. Write short notes on constructor overloading. (U)
15. Why are destructors used? (U)
16. Write the syntax of destructors. (U)
17. Write down the features of destructors. (U)

18. Give an example for destructors. (U)

**Three marks questions:**

1. Write any three rules to define constructors. (U)
2. Write the features of default constructors. (U)
3. What are parameterized constructors? How are they invoked? (U)
4. Write the features of parameterized constructors. (U)
5. When do you use the copy constructor? (U)
6. Write the example to declare the constructor inside the class definition. (U)
7. What is default constructor? Write its syntax and example. (U)
8. Which are the different methods to invoke parameterized constructor? (U)
9. Write an example to show the use of parameterized constructor through explicit call. (U)
10. When is copy constructor used in a program? Give an example. (U)
11. Write short notes on constructor overloading. (U)
12. Write a short note on destructors. (U)

**Five marks questions:**

1. Write the rules to be followed while creating constructor? Give example (U)
2. What are constructors? Explain any one type with example. (U)
3. What are the different types of constructors? Explain anyone. (U)
4. What is a default constructor? Explain with syntax and an example. (K)
5. Explain parameterized constructor with programming example. (U)
6. Illustrate how to invoke parameterized constructor explicitly. (U)
7. Illustrate how the parameterized constructor is used with implicitly. (K)
8. With an example show how constructors are used with an = operator. (U)
9. Explain copy constructor with an example. (U)
10. Explain destructors with syntax and an example. (U)
11. Explain the constructor overloading with a programming example. (S)