

# 8 Lecture - CS304

## Important Mcqs

1. **What is the primary purpose of member functions in object-oriented programming?**

- A. To declare variables
- B. To initialize objects
- C. To perform operations on objects
- D. To create new objects

**Answer: C**

**Which keyword is used to define a member function in C++?**

- A. class
- B. function
- C. method
- D. this

**Answer: C**

**Which type of member function can access private data members of a class?**

- A. Public
- B. Private
- C. Protected
- D. Friend

**Answer: B**

**Which type of member function does not have access to the this pointer?**

- A. Static
- B. Virtual
- C. Inline
- D. Friend

**Answer: A**

**Which keyword is used to call a member function on an object in C++?**

- A. new
- B. delete
- C. this
- D. dot operator (.)

**Answer: D**

**Which type of member function is used to initialize an object with a set of default values?**

- A. Constructor
- B. Destructor
- C. Virtual function
- D. Operator function

**Answer: A**

**Which type of member function is called automatically when an object is destroyed?**

- A. Constructor

- B. Destructor
- C. Virtual function
- D. Operator function

**Answer: B**

**Which type of member function can be called without creating an object of the class?**

- A. Constructor
- B. Destructor
- C. Static function
- D. Friend function

**Answer: C**

**Which keyword is used to access a data member of a class within a member function?**

- A. private
- B. public
- C. protected
- D. this

**Answer: D**

**Which type of member function is used to overload operators such as +, -, \*, and /?**

- A. Constructor
- B. Destructor
- C. Virtual function
- D. Operator function

**Answer: D**