

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