25 Lecture - CS304

Important Mcqs

1. What is overloading in object-oriented programming?

- a. Creating multiple functions with the same name but different parameters
- b. Redefining a function in a subclass that was originally defined in a superclass
- c. Both a and b

Answer: a

What is overriding in object-oriented programming?

- a. Creating multiple functions with the same name but different parameters
- b. Redefining a function in a subclass that was originally defined in a superclass
- c. Both a and b

Answer: b

Can overloaded functions have the same number of parameters?

a. Yes

b. No

Answer: Yes

Can overloaded functions have the same name and parameters?

a. Yes

b. No

Answer: No

Can overridden functions have the same name and parameters?

a. Yes

b. No

Answer: Yes

Is overloading static or dynamic polymorphism?

a. Static

b. Dynamic

Answer: Static

Is overriding static or dynamic polymorphism?

a. Static

b. Dynamic

Answer: Dynamic

Can overloading be done in the same class?

a. Yes

b. No

Answer: Yes

Can overriding be done in the same class?

a. Yes

b. No

Answer: No

What happens if an overridden function is called on an object of the subclass?

- a. The function defined in the superclass is called
- b. The function defined in the subclass is called
- c. Both functions are called

Answer: b