

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