What happens to an object when it is no longer referenced in Java?

A. It is marked for garbage collection

B. It throws an exception

C. It is removed from memory immediately

D. It is copied to another reference

In the context of garbage collection, what is a 'finalizer'?

A. A method that is called just before an object is garbage collected

B. A method that destroys an object

C. A method that checks if an object is null

D. A method that immediately stops the program