**QUESTION NO 6:**

A shipping company clerk is charged with rearranging a number of

large crates in order of the time they are to be shipped out. Thus, the comparison cost

is very low relative to the cost of exchanges (move the crates). The warehouse is

nearly complete: there is extra space sufficient to hold any one of the crates, but not two.

Which sorting method should the clerk use?

**ANSWER:**

The Clerk should have to use selection sort because it minimizes the number of exchanges.

In selection sort, we select the smallest element from the given unordered list, and in each iteration, we place that element at the beginning of the list.