

* Why should they be avoided?
The problem of internal fragmentation can be reduced. but it can be totally eliminated by utilizing the space freed up due to external fragmentation by allowing a process to occupy the memory in a non-contiguous manner.

Ans/b)

first fit

!- In the first fit approach is to allocate the first free partition or hole large enough. it finishes after finding the first suitable free partition.

* Best fit

!- The best fit deals with allocating the smallest free partition which meet the requirements. The requesting process. This algorithm first searches the entire list of free partitions and considers the smallest hole.