

Ans/5: Key difference between internal and external fragmentation.

The basic reason behind the occurrence of internal and external fragmentation is that internal fragmentation occurs when memory is partitioned into fixed-size blocks whereas external fragmentation occurs when memory is partitioned into variable size blocks.

2. When the memory block allotted to the process comes out to be slightly larger than requested memory then the free space left in the allotted memory block causes internal fragmentation. It creates free space causing a hole in the memory which is called external fragmentation.

3. The problem of internal fragmentation can be solved by partitioning the memory into variable size blocks and assigning the best fit block to the requesting process.