

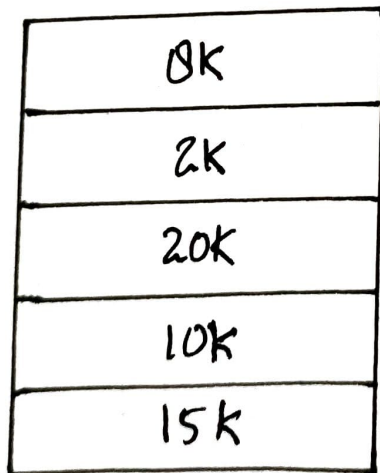
## Section-5

Ans-1 Fixed Memory Partition with diagram:-

The easiest and simplest technique which can be used to load more than one processes into main memory.

Known as fixed partitioning / contiguous memory allocation.

Main memory is divided into partitions of equal or different sizes.



Fixed partition contiguous memory allocation

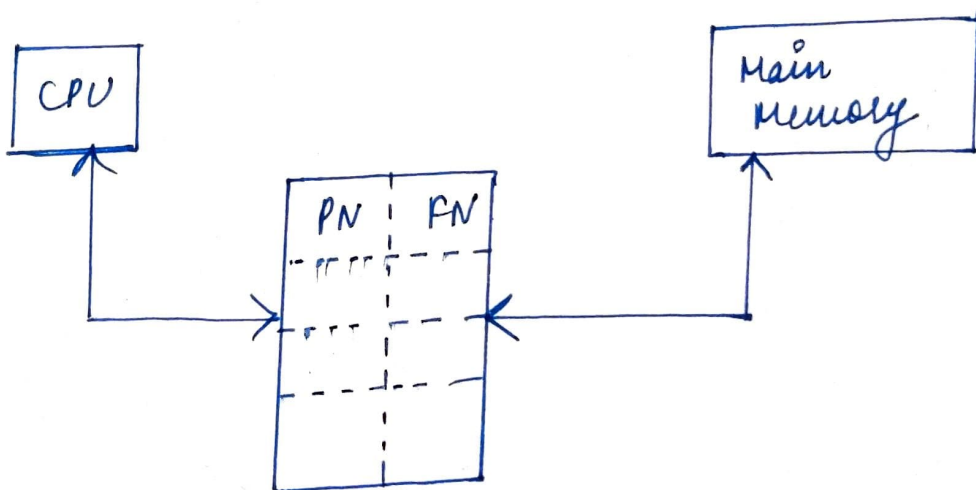
## Paging :-

Physical memory is divided into fixed size blocks called frames.

Logical memory is divided into fixed sized blocks called pages.

Size of page is same as that of frame.

Paging is a process, in which the key idea is to place the pages of a process into the available frames of memory, whenever this process is to be executed.



### Page Map Table

The page frame is the storage unit (typically 4KB in size) whereas page is the content that you will store in storage unit i.e. page frame. "Page" is the smallest unit of memory managed by computer's operating system, comes in physical form or virtual.