

Section-5

Q3. operating system :- OS is an interface between the user and the hardware & enables the interaction of a computer's hardware & software.

→ Its functions :-

① Device Management :-

- Keep tracks of all devices. I/O controller is responsible for this task.

② • Decides which process gets the device when & for how much time.

- Allocates the device in an efficient way.

② File management :- The OS allocates & deallocates resources. It regulates which process gets the file & for what duration. It keeps track of information location, uses, status etc.

③ Memory Management :- refers to the management of primary or main memory.



(4) Process Management: - Every program running on a computer is a process. The OS is responsible for making multiple tasks ~~at~~ to run at the same time.

OS finds the status, processor & processes, choose job & its processor allocates processor to process & de-allocates process when it's executed.