

Assignment Answers

1. **Process** is a program in execution.
2. When an interrupt occurs process state changes from **running** state to **ready** state.
3. Single unit of execution within the process is called **thread**.
4. The data structure used to represent a process in the OS is **pcb**.
5. When a process requires an I/O operation during its execution, it moves to **waiting state**.
6. The register which stores the address of next instruction to be executed is **PC (Program Counter)**.