**Activity three Questions**

1. What is Accumulator in O.S.?

* A short-term registry storage for arithmetic and logical data in the CPU

1. What are Base and limit registers in O.S.?

* Base Register is the lowest possible registry address a program can access
* Limit Register is the highest possible registry address it can access

1. Explain the process states.

* New – The process is created
* Running – When the process is in execution
* Waiting – When the process is waiting for an event to occur
* Ready – process is ready and waiting for a processor to be assigned
* Terminated – The process has finished it’s execution

1. Expand IRQ and explain.

* Interrupt Request (IRQ) is a request when and I/O device is ready

1. What are Traps and Exceptions?

* Traps are software interrupts
* Exceptions are raised by the processor when an illegal instruction is given

1. What are process concurrency?

* Two or more tasks running simultaneously

1. Explain virtualization.

* Virtually running multiple OS within the current OS

1. What is I/O parallelism?

* Running multiple processes parallelly where I/O overlaps with CPU process.

1. How the sequential executions performed.

* All processes run in sequence one after the other

1. Explain program Vs process.

* A program becomes a process once it is in execution