Fetch wext. Inst

Decode Inst.

Yes

Execute Inst.

No Check is the is

Exit = Are line = No Check if line is = Status Register
amy more any new interript?
inst?

VYCS

Curv. Progn Check the priority of epriority tright interrupt against current

program.

| interrupt's

| priority is trighter.

Production of interrupts is paired.

Save the content of the microprocency to the keynel stacking 1 RAM.

Load ISR to Serve! Handle interrupt.

ISR makes use of IDL to find related program and gets out of memory: after localing the program

Interropt is served

Previous job is loaded back from kernel steck.

Starts executing. I Therupts are resumed.

bren job

Interrupt Priority List (IPL)

00-40

Lowest trighent

Kernel Stack:

Part of the Ols, which is always bacabal in the RAM is kernel.

Kernel tras a stack to trold interrupted job's datas to telp system resume them.

Interrupt Service Routine (ISR): An ols executive to deal with the interrupts.

Intempt Displach List

(IDL): A list 1Ket

troids the associations

4 the interrupts with

their related programs.