

NATIONAL UNIVERSITY OF COMPUTER & EMERGING SCIENCES

CS2006 - Operating System Fall 2023

ID:		Name:	
	Q uiz #: 1	Instructor: Sanaa Jeehan	
]	Marks: 10	Date: 14 th September, 2023	
	-	in at the startup of system?	(2)
		For some basic operations, a computer needs to addi ly possible in Real Mode.	ress all
2. When i	s the Status/Flag Registe	er changed and why?	(3)
When a	ı process running in use	er mode tries to execute a high privileged instruction,	the control
is passe	d to kernel by changing	the Status/Flag register. After the execution of that in	struction,
the mod	le will be changed back	to User mode by changing the Flag/Status register ag	ain
			anı.
	an cause a trap to occur	$\mathbf{q}_{\mathbf{r}}$	(2)
3. What c	an cause a trap to occur s occurred in three case		
3. What c	s occurred in three case		
3. What c A trap i	s occurred in three case Due to Software interru	es:	
B. What c A trap i	s occurred in three case Due to Software interru	es: upt, e.g. instruction for i/o request.	

In fork(), the running process is cloned, and both parent and child processes are in ready state

after that. In execve(), the parent process hands over the necessary allocations to the child process and gets terminated. Only the child process remains in the ready state after that.