



BIRZEIT UNIVERSITY  
Electrical Engineering Department  
ENCS339 Operating Systems

Second Semester, 2017-2018

Instructor: Dr. Adnan H. Yahya,

Quiz1 Section 1

Time 10 minutes

**Question 1:** Fill in each of the 3 empty slots by a number for the transition event: **One point for each correct answer For max of 10 points.**

Transition	Which Scheduler	#	Scheduler
Selects from Ready to Running	1	1	Short Term Scheduler
Selects from New to ready	3	2	Medium Term Scheduler
Selects from Ready to the disk	2	3	Long Term Scheduler

**Question2:** A process is a program in the Running state. **XTrue** False

**Question3:** Large processes have PCBs larger than Short processes. True  
**XFalse**

**Question4:** Context switch is needed whenever a process leaves the running state and there are processes on the Ready queue. **XTrue** False

**Question3:** The operating system manages 4 important resources. They are:

1. CPU/Processor

2. Memory/RAM

3. Mass Storage/Disk

4. Information