

Punjab University College of Information Technology
University of the Punjab
BCSF14 (Afternoon)

CS-321 System Programming

SPRING Term 2017

Student ID: _____

Quiz 05

Time: 10 mins

Marks: 10

Question # 1

[10]

- A. Mention the format of a crontab file

- B. Differentiate between an enabled service and a disabled service in context to systemd daemon

- C. In O(1) scheduler, how a time slice is allocated to a newly created process. Also mention how a time slice is allocated to a process the second time. Once a process terminates, what happens to the remaining time slice of the process

- D. Consider a process with static priority of 100 and a sleep_avg of 320 ms. Calculate its dynamic priority

- E. Mention the scheduling classes supported by Linux Completely Fair Share Scheduler (CFS)