



[Course](#) > [Spring 2021 Quiz 1](#) > [Quiz 1 Examination](#) > Questions

Questions

Multiple Choice

1.0/1.0 point (graded)

If a number of processes are ready to execute, which scheduler is responsible to bring this process through scheduling?

☐ Mid-term scheduler

☐ long-term scheduler

☒ short-term scheduler

☐ None of the above



Submit

You have used 1 of 1 attempt

1.0/1.0 point (graded)

Rifat wants to executes 18 processes using his personal computer that is running in dual core processor. In order to do that, Rifat assigned 9 tasks to core 1 of his PC, and other 9 tasks to core 2 of his PC. Which kind of operating system (OS) concepts is/are using to complete the task in his computer?

☐ Multi-tasking OS

☒ Multi-processing OS

☐ Both

☐ None of the above



Submit

You have used 1 of 1 attempt

Checkboxes

0.8/1.0 point (graded)

Which of the following statements is/are True?

☒ Without Cache a computer system will not be able to run.

☒ Cache requires for faster execution of an OS. *

☐ Cache is less faster than Random Access Memory.

☒ Time-sharing environment provides more responsive OS than multi-processing environment. *

☐ None of the above



Submit

You have used 1 of 1 attempt

i Answers are displayed within the problem

Checkboxes

0.8/1.0 point (graded)

Which of the following statements is/are False?

☐ Cache is faster than RAM.

☐ During booting kernel stores in RAM to run the PC.

☒ No program can run without storing it on ROM. *

☒ Hardware coding is known as firmware.

☒ Long-term scheduler works between ready to running state. *



Can't load web font TeX/Main/Regular

Submit

You have used 1 of 1 attempt

 Answers are displayed within the problem

Numerical Input

1.0/1.0 point (graded)

Suppose, we want to store four processes at this moment. Where, P1, P2, P3, and P4 have 1200bits, 2000bits, 2300bits, and 650 bits respectively. If 50 bytes are common in all process and you are allowed to use shared memory to reduce the redundant bits, how much memory size is required? (If your ans is 1000, then insert only the value **1000** in the following box.)

4950



4950

Submit

You have used 1 of 1 attempt

© All Rights Reserved

[About Us](#)

[BracU Home](#)

[USIS](#)

[Course Catalog](#)