CU Schedules





CSCI 3753 - Godley - Operating Systems

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SECTIONS

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 Started on
 Friday, 14 June 2019, 2:28 PM

 State
 Finished

 Completed on
 Friday, 14 June 2019, 2:42 PM

 Time taken
 13 mins 53 secs

 Marks
 33.00/39.00

 Grade
 8.46 out of 10.00 (85%)

5

6

7

8

9

Question **1**

Correct

Mark 3.00 out of 3.00

Match the following descriptions with the corresponding features of the Operating Systems.

In a multiprogramming environment, the OS allows multiple applications to share resources, protects apps from each other, and improves performance by efficient utilisation of resources.

In a multiprogramming environment, each process that runs on the OS has its own set of resources and other processes cannot access those resources. The OS controls the access to all resources from internal and external access.

An OS sits between the applications that we write and the hardware. It essentially provides a high level view of the system so that programs can be written easily without the programmer having to worry about the nitty-gritty details of the hardware.

Resource management

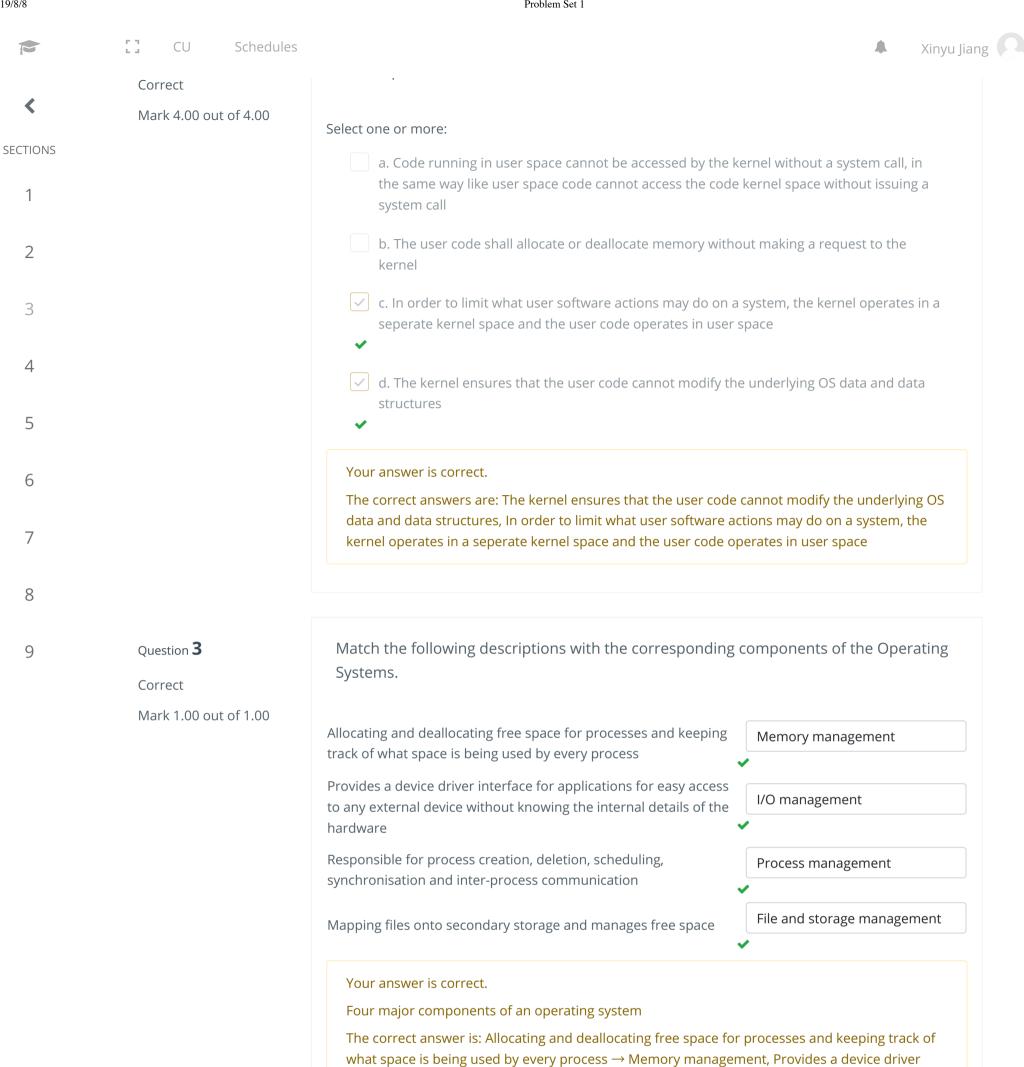
Protection

Hardware abstraction

Your answer is correct.

The correct answer is: In a multiprogramming environment, the OS allows multiple applications to share resources, protects apps from each other, and improves performance by efficient utilisation of resources. \rightarrow Resource management, In a multiprogramming environment, each process that runs on the OS has its own set of resources and other processes cannot access those resources. The OS controls the access to all resources from internal and external access. \rightarrow Protection, An OS sits between the applications that we write and the hardware. It essentially provides a high level view of the system so that programs can be written easily without the programmer having to worry about the nitty-gritty details of the hardware. \rightarrow Hardware abstraction

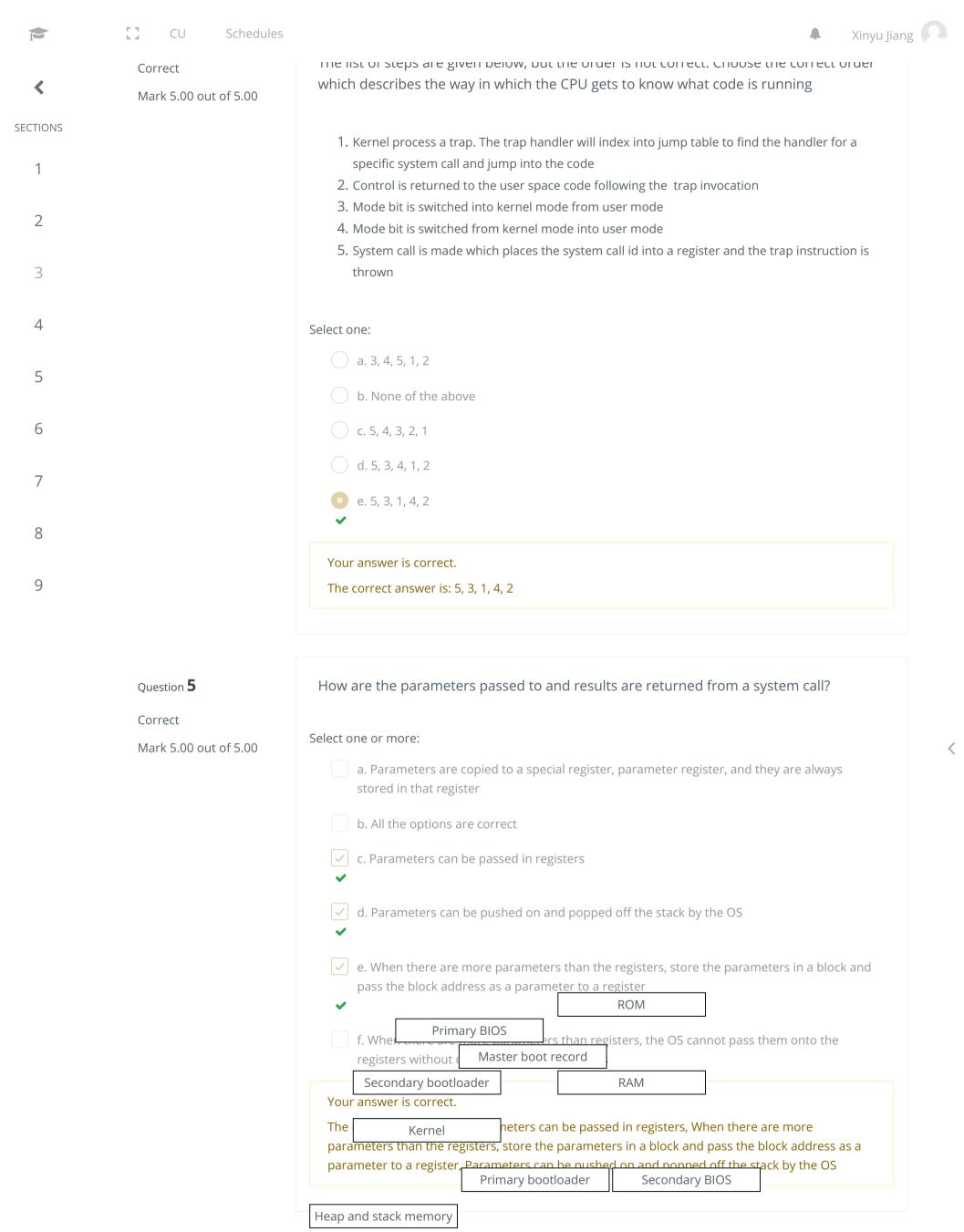
Problem Set 1 2019/8/8

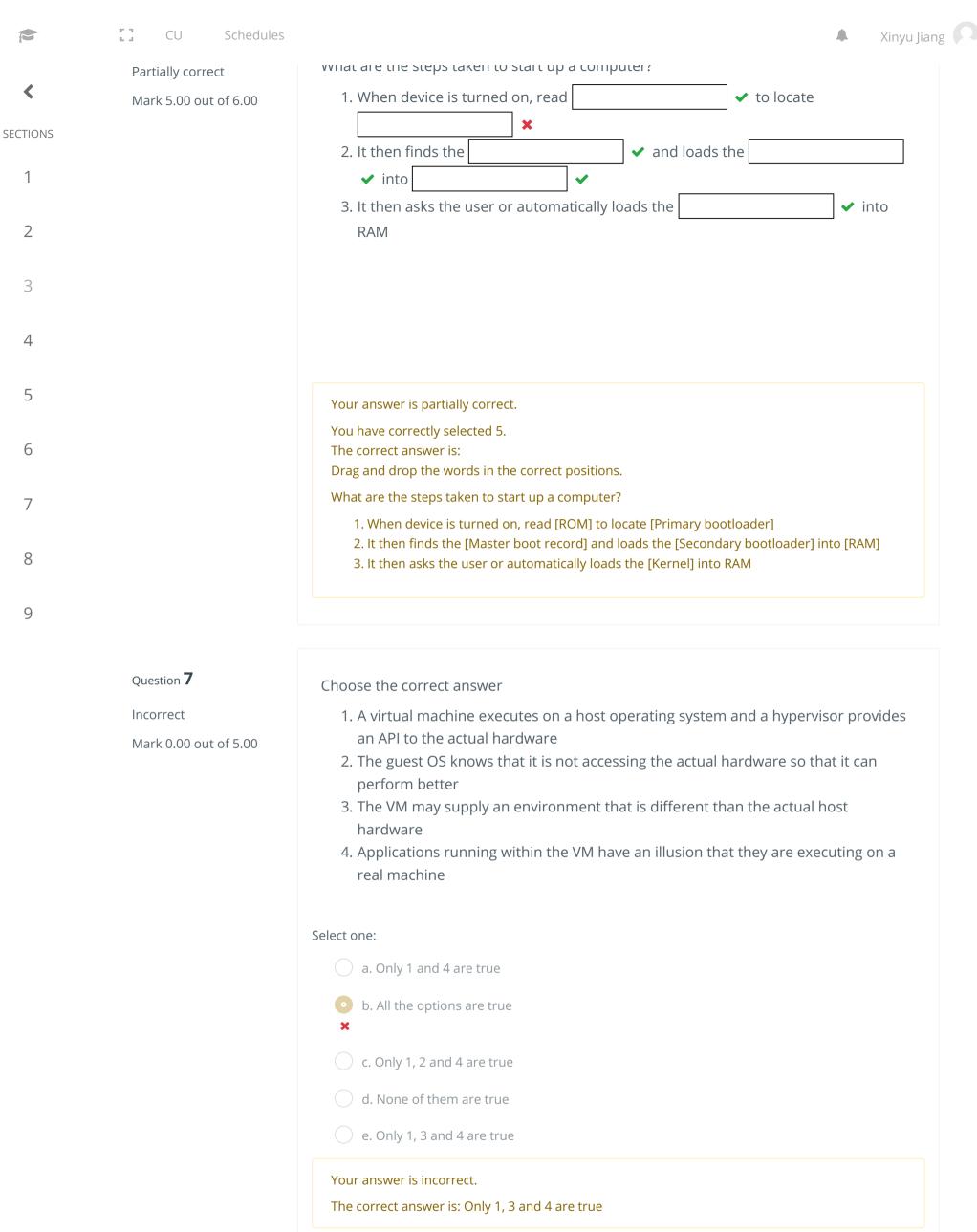


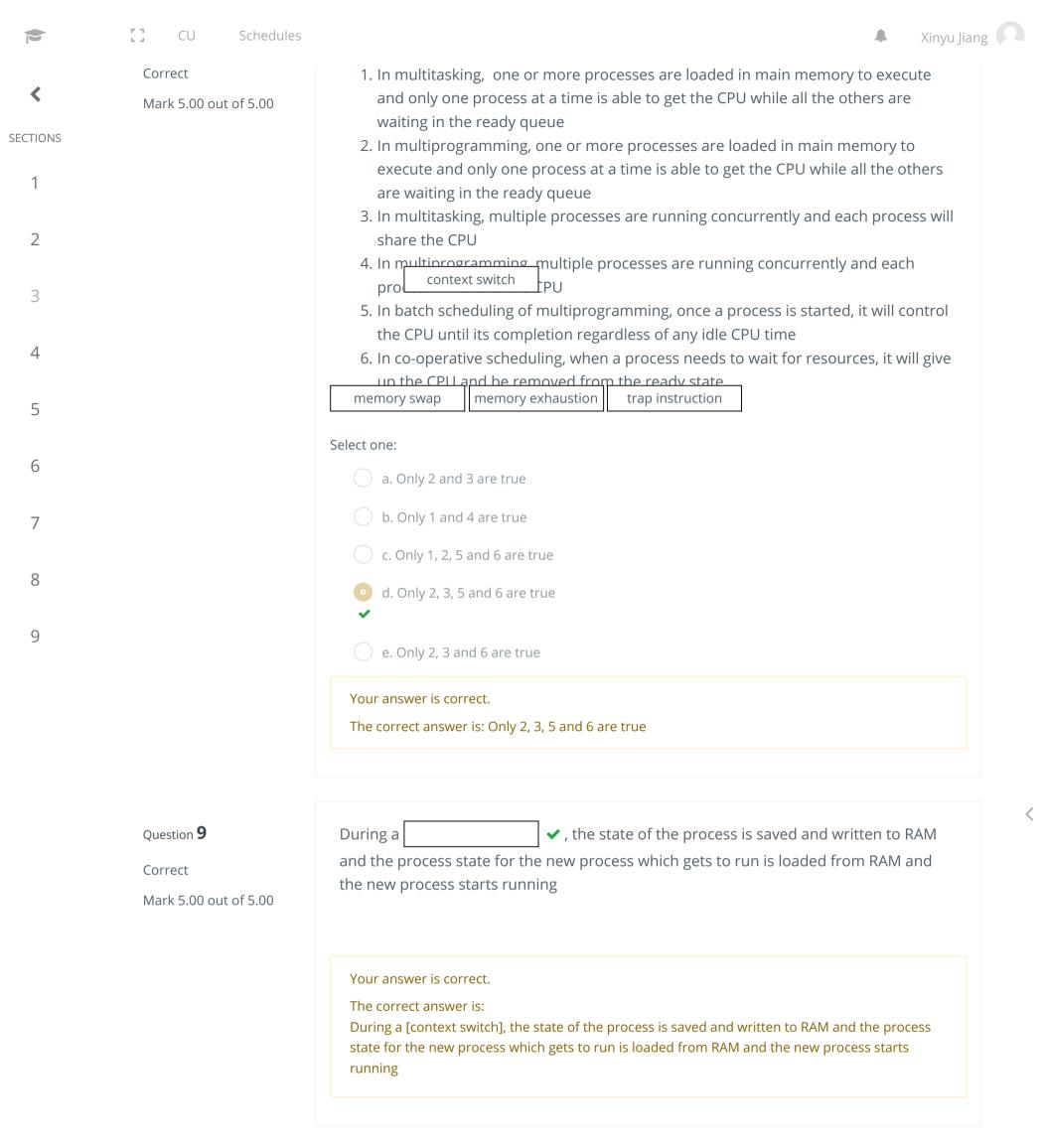
interface for applications for easy access to any external device without knowing the internal details of the hardware → I/O management, Responsible for process creation, deletion,

files onto secondary storage and manages free space → File and storage management

scheduling, synchronisation and inter-process communication → Process management, Mapping







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