

### Question 6

1.5 out of 1.5 points

		OBJECTS								
		Subjects			Files		Processes		Disk drives	
		$S_1$	$S_2$	$S_3$	$F_1$	$F_2$	$P_1$	$P_2$	$D_1$	$D_2$
SUBJECTS	$S_1$	control	owner	owner control	read*	read owner	wakeup	wakeup	seek	owner
	$S_2$		control		write*	execute			owner	seek*
	$S_3$			control		write	stop			

**S1 can give S2 write access on F2.**

Selected Answer: ☒ True

Answers: ☒ True

☐ False

### Question 7

1.5 out of 1.5 points

Consider the following Access Control Matrix:

		OBJECTS								
		Subjects			Files		Processes		Disk drives	
		$S_1$	$S_2$	$S_3$	$F_1$	$F_2$	$P_1$	$P_2$	$D_1$	$D_2$
SUBJECTS	$S_1$	control	owner	owner control	read*	read owner	wakeup	wakeup	seek	owner
	$S_2$		control		write*	execute			owner	seek*
	$S_3$			control		write	stop			

**{S1: wakeup, S3: Stop} is considered to be the \_\_\_\_\_ .**

Selected Answer: ☒ Access Control List (ACL) for for **P1**.

Answers: ☒ Access Control List (ACL) for for **P1**.

☐ Capabilities for **P1**.

☐ Access Control Matrix (ACM) for **P1**.

☐ Capabilities for **S1**.

Question 5

1 out of 1 points

In \_\_\_\_ access control model, objects are classified and subjects have clearances.

Selected Answer: ☒ MAC

Answers: ☐ DAC

☒ MAC

☐ RBAC

☐ ABAC

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		OBJECTS								
		Subjects			Files		Processes		Disk drives	
		$S_1$	$S_2$	$S_3$	$F_1$	$F_2$	$P_1$	$P_2$	$D_1$	$D_2$
SUBJECTS	$S_1$	control	owner	owner control	read*	read owner	wakeup	wakeup	seek	owner
	$S_2$		control		write+	execute			owner	seek*
	$S_3$			control		write	stop			

S1 can give S2 write access on F2.

Selected Answer: ☒ True

Answers: ☒ True


☐ False

### Question 3

0 out of 1.5 points

		OBJECTS								
		Subjects			Files		Processes		Disk drives	
		$S_1$	$S_2$	$S_3$	$F_1$	$F_2$	$P_1$	$P_2$	$D_1$	$D_2$
SUBJECTS	$S_1$	control	owner	owner control	read*	read owner	wakeup	wakeup	seek	owner
	$S_2$		control		write*	execute			owner	seek*
	$S_3$			control		write	stop			


The capabilities of  $S_3$  are:

Selected Answer:  { $S_3$ : Control,  $F_1$ : write,  $P_1$ : stop}

Answers: { $S_3$ : Control,  $F_1$ : write,  $P_1$ : stop}

{ $S_3$ : Control,  $F_2$ : read,  $P_1$ : stop}

{ $F_2$ : write,  $P_1$ : stop}


 { $S_3$ : Control,  $F_2$ : write,  $P_1$ : stop}

### Question 4

0 out of 1.5 points


		OBJECTS								
		Subjects			Files		Processes		Disk drives	
		$S_1$	$S_2$	$S_3$	$F_1$	$F_2$	$P_1$	$P_2$	$D_1$	$D_2$
SUBJECTS	$S_1$	control	owner	owner control	read*	read owner	wakeup	wakeup	seek	owner
	$S_2$		control		write*	execute			owner	seek*
	$S_3$			control		write	stop			

Who can give other subjects seek access on  $D_2$ ?

Selected Answer:   $S_1$

Answers:  $S_1$

$S_2$

 Both  $S_1$  and  $S_2$

$D_2$

## Question 1

1.5 out of 1.5 points

		OBJECTS								
		Subjects			Files		Processes		Disk drives	
		$S_1$	$S_2$	$S_3$	$F_1$	$F_2$	$P_1$	$P_2$	$D_1$	$D_2$
SUBJECTS	$S_1$	control	owner	owner control	read*	read owner	wakeup	wakeup	seek	owner
	$S_2$		control		write*	execute			owner	seek*
	$S_3$			control		write	stop			

Who can give S3 read access to D2?

Selected Answer: ☒ S1

Answers: ☒ S1

☐ S2

☐ S3

☐ D2

## Question 2

1.5 out of 1.5 points

		OBJECTS								
		Subjects			Files		Processes		Disk drives	
		$S_1$	$S_2$	$S_3$	$F_1$	$F_2$	$P_1$	$P_2$	$D_1$	$D_2$
SUBJECTS	$S_1$	control	owner	owner control	read*	read owner	wakeup	wakeup	seek	owner
	$S_2$		control		write*	execute			owner	seek*
	$S_3$			control		write	stop			

S2 can give S3 write access on F1.

Selected Answer: ☒ True

Answers: ☒ True

☐ False