

SENECA COLLEGE OF ARTS AND TECHNOLOGY

SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY - SY

FINAL EXAMINATION - VERSION A

SEMESTER	SUBJECT NAME	SUBJECT CODE
Winter 2016	Operating Systems: Practices	OPS105

NAME: _____

STUDENT NUMBER: _____

SECTION: _____

DATE: Monday, April 18, 2015

TIME ALLOWED: 2 hours

QUESTIONS:

PART A	MULTIPLE CHOICE	10	MARKS
PART B	SHORT ANSWER	10	MARKS
PART C	LONG ANSWER	10	MARKS

TOTAL MARKS: 30

PROFESSOR(S): Marcel Jar

SPECIAL INSTRUCTIONS:

1. This is a closed book exam. No reference sheets or aids material of any are allowed.
2. Write your answers in the spaces provided

This exam includes a cover page, plus 4 pages of questions.

SENECA'S ACADEMIC HONESTY POLICY:

As a Seneca student, you must conduct yourself in an honest and trustworthy manner in all aspects of your academic career. A dishonest attempt to obtain an academic advantage is considered an offense, and will not be tolerated by the College.

APPROVED BY:

Mary Lynn Manton, Chair, School of ICT

PART A MULTIPLE CHOICE

1. How many people live in Canada?
 - a) Over 50 million
 - b) Around 35 million
 - c) A bit less than 20 million
 - d) A few thousand penguins
 - e) A few americans trying to escape military service

2. Ho, hum, another batch of instructions. But this time we will make them a little shorter, because we assume that students realize what they should do.
T F Roger & Me chronicles one mans attempt to get into Disneyland so that he can visit Toon-town.
T F Laden swallows fly faster than unladen swallows, unless they carry coconuts.
T F All animals are created equal, but some animals are more equal than others.
T F Monty Python and the Holy Grail is a very funny movie.
T F This sentence is not false.

3. Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines.
 - a) Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines.
 - b) Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines.

4. Match the bands below with their most famous albums.

a) Nirvana	_____	Sargent Peppers Lonely Hearts Club Band
b) Pink Floyd	_____	Nevermind
c) Beatles	_____	(What's the Story) Morning Glory?
d) Oasis	_____	The Dark Side of the Moon

PART B SHORT ANSWER

1. Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines.

- a) Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines. **[1.0 marks]**

- b) Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines. **[1.0 marks]**

2. Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines.

- a) Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines.

- b) Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines.

- c) Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines.

PART C SHORT ANSWER

1. Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines. **[3.0 marks]**

1. Short Answer: Question 1: Create a script called script1 that t...	
Question	<p>Create a script called script1 that takes two arguments and outputs: their addition, their difference, and the number of arguments that were passed to this script.</p> <p>Your code should work for any two integers used as arguments.</p> <p>Your output should be exactly as in the example below:</p> <pre>>> ./script1 5 6 >> The sum of 5 and 6 is 11 >> The difference of 5 and 6 is -1 >> I received 2 arguments</pre>
Answer	<pre>#!/bin/bash # Answer for Question 1 - Lab Assignment 6 echo "The sum of \$1 and \$2 is \$((\$1 + \$2))" echo "The subtraction of \$1 and \$2 is \$((\$1 - \$2))" echo "I received \$#"</pre>

2. Short Answer: Write down a command that asks the fo...	
Question	<p>Write down a command that asks the following information about the user:</p> <ul style="list-style-type: none">• His/Her username• His/Her password <p>These pieces of information should be saved in appropriate variables. After the user has fed your script with all the information it needs, it should output:</p> <p>Hi USERNAME your password is PASSWORD</p> <p>See the example below:</p> <pre>>> ./Script2 >> What is your username >> marcel silva >> What is your password? >> qwerty >> Hello marcel.silva your password is qwerty</pre>
Answer	<pre>#!/bin/bash #Question 2 answer - Lab Assignment 6 # Asks for info using read echo "What is your first name?" read First echo "What is your last name?" read Last echo "What is your day of birth?" read Day echo "What is your month of birth?" read Month echo "What is your year of birth?" read Year #outputs info using echo echo "Hello \$First \$Last . You were born on \$Day \$Month \$Year"</pre>

2. Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines. **[2.0 marks]**

3. Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines. **[2.5 marks]**

4. Here goes some random text that should be part of the question. I will keep on writing for a while just to ensure that we have multiple lines. **[1.5 marks]**

```
1 #!/bin/bash
2 echo "hello world"
3 while [ 1 ] ; do
4     var=1
5 done
6
```