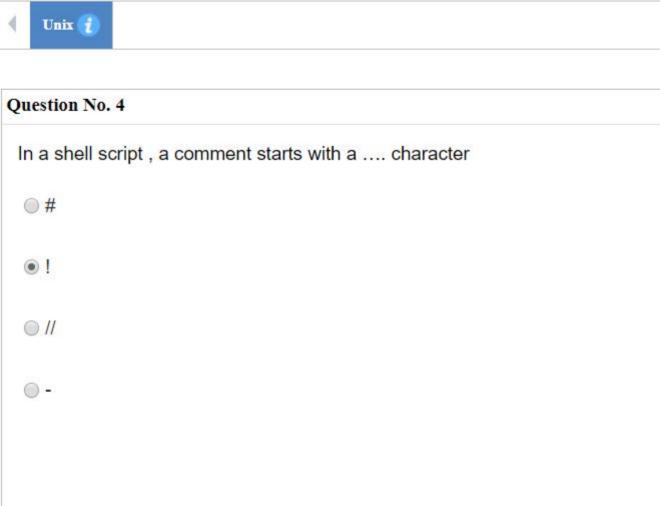## Question No. 1

Which of the below command you can apply to set up an environment variable, for the Shell scope?

- ○ Set

- ● export

- ○ All of these

- ○ export and set

Question No. 2

Which command is used to for executing jobs according to their priority?

◉ ps

○ top

○ nohup

○ nice

Question No. 3

What will be the output of the following command?seq 1 0.1 19|grep -c .0$

○ 1

● 19

○ Syntax error

○ 28

Question No. 4

In a shell script , a comment starts with a …. character

- ○ #

- ● !

- ○ //

- ○ -

Question No. 5

What will the output of the following command? ["awesome" = "awesome"]; echo $?

○ awesome

○ "awesome"="awesome"

○ 1

◉ 0

Question No. 6

Which symbol is used to separate more than one command in the same command line?

○ #

◉ ;

○ |

○ $

Question No. 7

……. is the heart of the operating system. It interacts with the hardware and most of the tasks like memory management, task scheduling and file management.

○ process

○ H/W

○ Shell

◉ The kernel

Question No. 8

Command that finds lines that contain the word "not" from the file "myText.doc"

○ find . -type w not myText.doc

○ find -name "not" myText.doc

◉ grep "not" myText.doc

○ grep -w not myText.doc

Question No. 9

The output of the command diff file1.txt file2.txt is as below

4d3

< I am leaving.

What is the significance of this output?

○ Delete line 4 in the first file and line 3 in the second file . The line to be deleted is "I am leaving."

○ Delete 4 lines from the first file so that both files will have similar 3 lines. After deletion the first line of the first file will be "I am leaving."

◉ Delete line 4 in the first file so that both files sync up at line 3. The line to be deleted is "I am leaving."

○ Delete line 4 in the second file so that both files sync up at line 3. The line to be deleted is "I am leaving."

Question No. 10

A process on a UNIX system is the entity that is created by the……. system call.

○ invoke

○ create

○ fork

◉ init

Question No. 11

How do we connect more than one command?

○ Shell

◉ Pipe

○ Filters

○ None of these

Question No. 12

In unix ... is a program like any other programs but has as speciality about it is that its job is to run other programs rather than to do calculations itself.

- ◯ echo

- ◯ ls

- ◉ shell

- ◯ cat

Question No. 13

What is the output of the following command?

echo "var=5;++var" | bc

○ 5

◉ 6

○ 56

○ None of these

Question No. 14

What are the different modes in which unix os operates?

- ☐ Direct mode

- ☑ User Mode

- ☑ Kernel Mode

- ☐ Boot Mode

Question No. 15

Every process hasone parent process, but a process can have many child processes

○ FALSE

◉ TRUE

Question No. 16

Which one of the following is / are relative path names in unix

☐ /usr/home/unixData/backups

☐ /home/unixData/backups

☑ ~unixData/backups

☑ unixData/backups

Question No. 17

Which command will calculate 4+2 and print the calculated value ?

○ bc<<<4+2

○ bc<<4+2

○ None of these

○ bc<4+2

Question No. 18

Which of the following information about the UNIX file system is not correct?

○ All the files and directories are stored in data blocks

○ Super block contains the number of i-nodes, the number of disk blocks, and the start of the list of free disk blocks.

○ An i-node contains accounting information as well as enough information to locate all the disk blocks that holds the file's data.

⦿ Each i-node is 256-bytes long

Question No. 19

When you type any command on the command prompt in unix, the shell has to locate the command before it can be executed.The .... variable specifies the locations in which the shell should look for command.

◉ HOME

◉ BIN

◉ ROOT

◉ PATH

Question No. 20

To know the PID of your current shell, which command will be used?

- ◉ echo$$

- ◯ echo $

- ◯ $SHELL

- ◯ $PATH