

الإسم الرقم

أجب عن جميع الأسئلة

ورقة الإمتحان تشتمل على خمسة (5) صفحات

Question (1) :

State whether the following statements are True or False: (10 marks)

1. LINUX system does not support multiprocessing.	()
2. Kernel is always store on memory until computer is turn off.	()
3. There are hundreds of different distributions available popular Linux distributions.	()
4. Linux has been used for many computing platforms.	()
5. In Linux, there is no limit to the maximum depth.	()
6. The path is absolute if starting at the current working directory.	()
7. The pattern will either match some portion of another string or not.	()
8. The * Metacharacter match one or more of preceding character.	()
9. In Linux an array could store string or integer not both types of values.	()
10. Parameters cannot be passed to the script from the command line.	()

Question (2) :

Draw a circle around the correct answer letter in the following: (10 marks)

1. Linux needs at least MB disk space.	
a. 12	b. 20
c. 15	d. 33
2. The..... ..is creates an illusionary computer in your physical computer.	
a- simulator	b- history
c- virtual machine	d- virtual server
3. A..... is an interface between the user and the core components of the operating system.	
a. shell	b. home
c. kernel	d. application
4. There are predefined variables these are known asvariables.	
a. string	b. environment
c. integer	d. float
5. Ais a means for representing a file to be used by a process.	
a. file	b. directory
c. file descriptor	d. file and directory
6. head -c 100 file1.txt The above command display:	
a. output first 100 lines from file1.txt	b. output first 100 words from file1.txt
c. output first 100 bytes from file1.txt	d. output last 100 bytes from file1.txt

7. The read ,write and execute for owner and group but read only for others represented in octal expression as:	
a. 444	b. 774
c. 777	d. 770
8.this field specifies the shell that will be used by default.	
a. Default_Shell	b. home
c. shell_home	d. root
9. The.....program allows the system administrator to change user password expiration dates of a user.	
a. password	b. passwd
c. chage	d. change
10. To stop a process that is in the foreground, typein the terminal window.	
a. control+z	b. control+w
c. control+r	d. control+q

Question (3) :

Fill in the blanks with the correct term from the given list: (10 marks)

املا المكان الشاغر امام كل من العبارات التالية بالمصطلح الصحيح من القائمة المعطاة

Batch	Options	wildcard	file	job	ps	root	Restore	echo	Partition
home	ls	pipe	Max_Days	etc	cp	touch	shell	alias	Min_Days

- 1-.....is a logical division of the collection of storage devices into independent units.
- 2-Ais a way to express a number of items (files, directories, links) without having to enumerate all of them.
- 3- Thecommand creates an empty text file.
- 4-mode means that the process will run independently of the user.
- 5-had displayed the maximum number of days before a password must be changed.
- 6-..... are user-specified variations to the command so that the command performs differently.
- 7-The command to output the value of a variable is.....
- 8-..... is used to send the output of one program to serve as the input to another.
- 9-Thecommand shows a detailed information of the running processes as a snapshot.
- 10-..... is to recover data that is temporarily unavailable due to some unexpected event.

Question (4) :

List in column C, the suitable number of A with B : (10 marks)

ضع الرقم المناسب في C من القائمة A امام ما يناسبه من القائمة B

A	B	C
(1) dev	distribution	
(2) Gentoo	Backup	
(3) Bourne Again shell	Bash	
(4) redirection	STDERR	
(5) Boot loader	active entity	
(6) Expire	Info documents	
(7) verify	input statement	
(8) read	Device files	
(9) info	LILO	
(10) process	disabled	
(11) load balance		
(12) doc		

Question (5):

A) Write what are the following abbreviations stands for (5 Marks):

وضح إلي ماذا تشير الإختصارات التالية:

- 1) UID.....
- 2) BIOS.....
- 3) PID.....
- 4) PSW.....
- 5) MBR :.....

(B) Assume that you have file name "data22.txt" contains the following data: (5 Marks)

بافتراض أن لديك ملف بالاسم " data22.txt " يحتوي علي البيانات التالية:

1	Mohammed	Kh	66
2	Ali	Bh	54
3	Hiba	Kh	33
4	Mona	Om	56
5	Mustafa	Bh	36
6	Sluman	KH	99
7	Rami	Kh	34

List the data that will display when execute the following commands:

وضح البيانات التي سوف يتم عرضها عند تنفيذ الأوامر التالية:

1) `grep '^M' data22.txt`

.....

2) `grep [M-S] data22.txt`

.....

3) `grep '6$' data22.txt`

.....

4) `grep 'S.' data22.txt`

.....

5) `grep [HB] data22.txt`

.....

Question (6): What is the output of the following scripts : (10 marks)

	Pseudo Code	Output
1	<pre>#!/bin/bash for x in 10 20 30 40 55; do echo \$\$x done</pre>	
2	<pre>#!/bin/bash for((i=1;i <6 ;i++)); do result=i*(i+2) echo \$result done</pre>	

3	<pre>#!/bin/bash multi() { echo \$((\$1 * \$2 * \$3)) echo \$# } multi 4 5 2</pre>	
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Question (7): (10 Marks)

A) Write the command needed to create a new account for “Ahmed” using all of the defaults.(2 Marks)

.....
.....
.....

B) Write command that would Hang up the process whose PID is 18511. (2 Marks)

.....
.....
.....

C) Mention two reasons why you might want to learn Linux. (2 Marks)

.....
.....
.....

D) Mention two types of process states in LINUX. (2 Marks)

اذكر اثنين من حالات العمليات في نظام لينكس

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.....

E) Mention the booting stages in order. (2 Marks)

اذكر مراحل عملية الاقلاع بالترتيب الصحيح

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End of Exam / Good Luck
