



First Question	No. of Branches (1)	(10/50)
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Q1 B1

(10/10)

Define each of the following terms, and give an example if possible:

- a) Cron Facility
- b) Syslog facility.
- c) Network Interface.
- d) Name Resolution.
- e) Captive Account.

Second Question	No. of Branches (2)	(11/50)
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Q2 B1

(5/11)

Write the command/ commands to do the following tasks:

- a) Compare the two directories /home/ahmed and /home/Khalid and make sure that you will exactly know the differences?
- b) Add an entry to the crontab file to make the command "find / -name "*.bak" -type f -atime +7 -exec rm {} \\" runs every friday at 1:30 pm.
- c) List all the installed packages on your system.
- d) Display the IP-to-MAC address-translation tables.
- e) List the groups of which the user Ahmed is a member?

Q2 B2

(6/11)

What does each of the following commands/ file Entries means?

- a) `30 2 * * 0,6 /usr/local/newsbin/news.weekend` (this is a crontab file Entry)
- b) `*.err;auth.notice /dev/console` (this is a Syslog.conf Entry)
- c) `# ifconfig lo0 localhost up` (this is a command)
- d) `# route add 192.168.1.12 192.168.3.100` (this is a command)



e) `chavez:x:190:100:Rachel Chavez:/home/chavez:/bin/tcsh` (this is a passwd file Entry)

f) `# passwd -l chavez` (this is a command)

Third Question	No. of Branches (3)	(13/50)
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Q3 B1 (4/13)

List some of the daily, weekly and monthly tasks that a system admin might needs to automate using cron facility?

Q3 B2 (4/13)

Explain how can you as a system admin control access to the crontab command and files?

Q3 B3 (5/13)

What is Syslog Facility? What is the format of Syslog.conf file entries? Then give a sample of a line of the file syslog.conf?

Fourth Question	No. of Branches (4)	(16/50)
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Q5 B1 (4/16)

To add a new host to the network, What you should do as a system admin?

Q5 B2 (4/16)

when a user enters a command like

`finger chavez@hamlet`

One of the first things that must happen is that the hostname *hamlet* gets translated to its IP address.

There are two most prevalent ways to do this translation, Explain them and their suitability?



Course Title: Operating Systems
for Administrators

Date: 15 / 08 / 2012

No. of Questions: 4 Questions

Time: 2 hours

Using Calculator (No)

Instructor Name: Mr.Ahmed Al Astal

Student No.: _____

Student Name: _____

College Name: _____

Dep. / Specialist: _____

Using Dictionary (No)

Q5 B3

(4/16)

Once network configuration is complete, you will need to test network connectivity and address any problems that may arise.

What testing Schema you may follow as a system admin to do this?

Q5 B4

(4/16)

What is shadow password file? Why it is so important? And what is the meaning of its' entry format shown below?

username:encoded password:changed:minlife:maxlife:warn:inactive:expires:unused

End of Questions - Good Luck

Mr. Ahmed Alastal