Certainly! I'll transcribe the handwritten notes from the four images you provided.

**Transcribed Notes**

**Image 1 (Left Page)**

The image contains notes on **chage**, **user/group management commands**, and **chmod**.

**chage** : expiry info

* **-l** : Two password changes
* **-m** : minimum amount of time in between **maxday** : maximum day for password is valid.
* **-d days** : last change password in days.
* **-I** : Inactive days before lock
* **-W** : Warn days
* **-E** : expired

i) gpasswd ii) groupadd iii) groupdel

iv) groupmod

i) groupadd : -g, -0, -F

ii) gpasswd : -A w- username as grpname

w- username // Add user to group

gpasswd : [R] w- [d] [u] [gn]

newgrp -d remove delete

chmod g+x project // chmod 760

chmod u+rwx sem5

= to clean + = add - delete

**Image 1 & 4 (Right Page - RPM, DNS)**

The right side of the pages contains notes on **RPM** and **DNS**.

**RPM**

* **-q** : To check package is installed or not
* **-qa** : list of all install package
* **-qf /etc/passwd** : package own a file
* **-ql** : list of all files installed by package
* **-qi** : info about package
* **-qc** : configuration file about package
* **-qd** : documentation
* **-qR** : Libraries & Packages required.
* **-V** : package is installed correctly or not.

DNS

i) gedit /etc/hosts

check for 192.168.1.3 server.tyit.com

ii) gedit /etc/sysconfig/network-scripts/ifcfg-eth0

check for DNS1 = 192.168.1.3

iii) gedit /etc/sysconfig/network

check for NAME=HOSTSERV = server.tyit.com

iv) gedit /etc/resolv.conf

check for nameserver 192.168.1.3

**Image 2 (DNS, continued)**

This page continues with **DNS** setup steps.

v) **service network restart**

vi) cd /media

cd RHEL

cd Packages

rpm -ivh bind\* (install bind)

vii) gedit /etc/named.conf

on line no 11 port 53 192.168.1.3 allow query any

on line no 17 allow query {any};};

viii) cd /etc

ls named\*

gedit named.rfc1912.zones

@ copy zone 1 and paste at end of file with file "reversed.zones"

ix) cd /var/named

ls

cp named.localhost forward.zone

cp named.loopback reversed.zone

x) gedit forward.zone

@ server.tyit.com. root.tyit.com. { }

IN NS server.tyit.com.

server IN A 192.168.1.3

xi) gedit reversed.zone

@ server.tyit.com. root.tyit.com. { }

IN NS server.tyit.com.

IN ptr server.tyit.com.

xii) chgrp named forward.zone

chgrp named reversed.zone

ls -l

xiii) service named start

dig server.tyit.com

dig 192.168.1.3

**Image 3 (DHCP)**

The page contains notes on **DHCP** setup.

DHCP

i) network → IPv4 → method → Manual

IP address : 192.168.1.3

Netmask : 24

DNS : 192.168.1.1

ii) Install DHCP

cd /media

cd RHEL

cd Packages

rpm -ivh dhcp\*

iii) **gedit /etc/dhcp/dhcpd.conf**

iv) gedit /etc/dhcp

cp /usr/share/doc/dhcp-4.1.1/dhcpd.conf.sample /etc/dhcp/dhcpd.conf

v) gedit /etc/dhcp/dhcpd.conf

change line no 32 : subnet 192.168.1.0 &

range in 192.168.1.15 192.168.1.30

vi) service dhcpd start

chkconfig dhcpd on

chkconfig --list dhcp

**Shut Down** **Open clone**

vii) network → IPv4 → method dhcp

ping 192.168.1.3

gedit /etc/sysconfig/network-scripts/ifcfg-eth0

check for BOOTPROTO = dhcp

service network restart

ifconfig