QUESTION PAPER DUMP
FOR RHCSA CERTIFICATION (EX200)

NODE1

Q1.) Setup Networking for Node1:
Configure networking for Node1 with the given IP address, subnet mask, default gateway, and also set the given hostname permanently.

Q2.) Yum repository configuration on Node1:
Set up Yum repository on Node1

Q3.) Debug SE-Linux:
Troubleshoot an issue with the httpd service not connecting on a non-standard port 82, involving SE-Linux adjustments and firewall configurations.

Q4.) Configure a cron job on Node1:
Create a cron job for the user "natasha" to run a specific command daily at a certain time or interval.

Q5.) Create users, groups, and group memberships:
Establish user and group memberships, including primary and secondary group assignments, with specific given password s to be set.

Q6.) Create a collaborative directory:
Create a collaborative directory with specific group ownership and permissions, ensuring automatic group ownership for newly created files.

Q7.) Configure NTP as a client:
Configure NTP on the system to synchronize time with a server, ensuring NTP runs as a service at boot time.

Q8.) Find files owned by a specific user:
Search for files owned by a particular user and copy them to a new directory.

Q9.) Auto Mounter service for mounting:
Use the auto mounter service to mount a remote directory onto a specified local folder.

Q10.) User with specific UID:
Create a user with a predefined User ID (UID) and set their password.

Q11.) Sudo privilege:
Set up a group to have sudo privileges without requiring a password.

Q12.) Container (Podman) Question:
Build a container image named "watcher" using a provided link.
create a container using the image you created:

- create a container using Andrew user
- container name should be watcher
- mount /opt/files directory to /opt/incoming in container and /opt/processes to /opt/outgoing in container
- container should run as a system service, so configure as a service name container-watcher.service
- container should run at boot time

NODE2

Q1.) Password Recovery for Secondary Machine:
Reset the root password on a virtual machine using a recovery process.

Q2.) Yum Repository Configuration on Node 2:
Configure Yum repositories on Node 2 with specific URLs and settings.

Q3.) Set Recommended Tuning Profile:
Install and enable the "tuned" package, set a recommended tuning profile, and verify the active profile.

Q4.) Create a SWAP Partition:
Create a 250MB SWAP partition, make it available at boot, and update configuration files.

Q5.) Create and Mount LVM:
Create the volume group with name myvol with 8 MiB P.E. and create the lvm name mydatabase with the 50 P.E. and format this lvm with ext3 and create a directory /database and mount this lvm permanently on /database.

Q6.) Resize LVM Partition:
Resize the "home" LVM partition to a size of 150MB. Use the "lvextend" command with specific options.