Q1. Since having the encrypted password in a public file can be a security issue, which file can be used to store the encrypted password? What are the permissions on this file?

Shadow file.
read only for root

Q2. Where are all the startup files that are needed for every user stored in the system?

/etc/sicci

Q3. In Linux, if the encrypted passwords are not stored in the password file, when the password file is edited, what is the command that is used to update the other file that has the encrypted passwords?

pwconv

Q4. What does an * in the password field represent? How does it work?

locked account

The * does not decrypt to a known value.

Q5. How is user Alex set up with secondary group staff. Show the actual line that gets edited.

Staff : x : 501 : alex
1. If following line from the /etc/innittab file gets deleted, what run level would the system come up in, when it next boots up?
   sp:5:initdefault:
   It will stop and ask the user for the run level

2. What is the first real process that the kernel starts?
   (a) init
   (b) vmlinux
   (c) swapper
   (d) sysinit

3. Tying "linux single" at the LILO prompt will boot linux into run mode
   (a) 1
   (b) 3
   (c) 5
   (d) 6

4. Which action from the file /etc/inittab will cause a process to restart if it finishes.
   (a) restart
   (b) ondemand
   (c) sysinit
   (d) respawn

5. To point LILO to a specific bootable partition you would use the following option at the boot prompt.
   (a) linux append root /dev/hda6
   (b) linux root=/dev/hda6
   (c) linux /dev/hda6
   (d) linux root=vmlinux

6. On a multi-user system shutdowns should be
   (a) done when required
   (b) planned for the last working day of the month
   (c) scheduled for slow times or at least with advance warning
   (d) done daily

7. What is the purpose of the /etc/init.d directory?
   (to help keep all the scripts in one place & make things manageable)

8. In /etc/rc3.d, what is the purpose of having a file that begins with a K vs. a file that begins with a S?
   (files that begin with K get stopped, while files that begin with S start the processes)