**Practice Quiz: Before Version Control**

**TOTAL POINTS 5**

1.

Question 1

Your colleague sent you a patch called fix\_names.patch, which fixes a config file called fix\_names.conf. What command do you need to run to apply the patch to the config file?

**1 / 1 point**



diff names.conf fix\_names.conf



patch fix\_names.conf names.conf



patch fix\_names.conf < fix\_names.patch



diff names.conf\_orig names.conf\_fixed > fix\_names.conf

**Correct**

Nice job! The patch command with the file to be patched, followed by the filename of the patch, will apply it.

2.

Question 2

You're helping a friend with a bug in a script called fix\_permissions.py, which fixes the permissions of a bunch of files. To work on the file, you make a copy and call it fix\_permissions\_modified.py. What command do you need to run after solving the bug to send the patch to your friend?

**1 / 1 point**



diff fix\_permissions.py fix\_permissions\_modified.py > fix\_permissions.patch



patch fix\_permissions.py < fix\_permissions\_modified.py



patch fix\_permissions.py > fix\_permissions.patch



diff fix\_permissions.py fix\_permissions.diff

**Correct**

Awesome! The diff command will allow us to compare and apply the differences between the files.

3.

Question 3

The \_\_\_\_\_ commandhighlights the words that changed in a file instead of working line by line.

**1 / 1 point**



diff



diff -u



vimdiff



patch

**Correct**

Right on! The vimdiff commandhighlights the words that changed in a file by color, in addition to working line by line.

4.

Question 4

How can we choose the return value our script returns when it finishes?

**1 / 1 point**



Using the exit command from the sys module



Use the patch command



Use the diff command



Use meld

**Correct**

Great work! A script can use sys.exit to finish processing and return the number passed as an argument as the script's return code.

5.

Question 5

In addition to the original files, what else do we need before we can use the patch command?

**1 / 1 point**



Diff file



exit command of the sys module



Version control



Full copy of the new files

**Correct**

Woohoo! We need to use the patch command with the diff file to apply new changes to the original file.