## Shells, Bash, and the Command Line

**1.Question 1**

Which of the following commands would add **newbin**, a directory in your home directory, to the **PATH** (Select all answers that apply)?

* **PATH=$PATH:$HOME/newbin**

**PATH=$HOME/newbin:$PATH**

**2.Question 2**

To make an environment variable (**VAR**) effective for only one command (**foobar**), you should do:

* **VAR=value ./foobar**

**3.Question 3**

Which of the following expressions will give the correct mathematical result (**7**) for **x = 10** (Select all answers that apply)?

* **$ echo $(($x - 3 ))**
* **$ echo $(expr $x - 3)**

**4.Question 4**

Which commands will get both the normal and error outputs of **prog** into **afile**?

* **foo > file 2>&1**
* **foo >& file**

**5.Question 5**

Which of the following commands has the correct syntax for specifying an alias?

* **alias doitall="make clean; make all; evince output.pdf"**