Name ________________________________

Instructions, include name, **BOLD** your answers. Print and hand in next class.

1) What are the three basic data types that Perl uses? How are they differentiated?

2) What is the major difference between single- and double-quoted strings?

3) What other constructs can be used to quote strings?

4) Name three escape sequence characters and what they mean.

5) How can you determine the number of elements in an array? Show an example of Perl code assigning the number of elements in @array to the scalar $arraynum.

6) What is the value of a Perl string variable when it is first used?

7) What is the difference from an ordinary array and an associative array?

8) Using the range operator (..) create @array with the following elements: 1, 5, 6, 7, 10, 11, 12. Create a print command to display the last element in @array.

9) Write a Perl statement to:
   Create an associative array %artists that holds a list of five hip-hop music artists – “Kanye West”, “50 Cent”, “Biggie Small”, “Tupac Shakur”, “Vanilla Ice” and a rating for them - "good," "bad," and "mediocre" as the ratings. Which is the key? Which is the value?

10) How do you create variables with local scope? Do Perl variables have global or local scope by default?
    Show an example creating local string scalar instructorname and assign a value of the instructors name.

11) What are $_, @_, %_ used for?

12) What are the four loop control keywords?

13-15) Create a Perl program that uses a function to request to two numbers from the user interactively, subtract two numbers and multiply the result by four and print the results.