1. What are escape characters, and how do you use them?

A) To insert characters that are illegal in a string, escape characters are used therefore the name.

An escape character is a backslash \ followed by the character you want to insert. **1**

2. What do the escape characters n and t stand for?

A) Backslash ‘n’ serves as the new line operator and ‘\t’ serves as the tab operator.

3. What is the way to include backslash characters in a string?

A) For example:

An illegal string would look like:

txt = “We are the so-called “Vikings” from the north.”

To fix the string, an escape character is introduced as follows:

Txt= “ We are the so-called \”Vikings\” from the north.”

4. The string "Howl's Moving Castle" is a correct value. Why isn't the single quote character in the word Howl's not escaped a problem?

A) Couldn’t really understand the question. Kindly make the question clearer.

1st possible answer: Since the single quote doesn’t match the outside double quotes, therefore no problem occurs, even the opposite is possible (double quotes within singles).

2nd possible answer: In order to make the single quote escape and not cause an error backslash may be added so that the compiler ignores that and prints it as it is.

5. How do you write a string of newlines if you don't want to use the n character?

A) We can use the print statement which has the end argument by default set to new line.

6. What are the values of the given expressions?

'Hello, world!'[1] = ’e’

'Hello, world!'[0:5]= ’Hello’

'Hello, world!'[:5]= ”Hello”

'Hello, world!'[3:]= ”lo, world!”

7. What are the values of the following expressions?

'Hello'.upper() = ”HELLO”

'Hello'.upper().isupper() =True

'Hello'.upper().lower()= False

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.'.split()= **['Remember,remember,the', 'fifth', 'of', 'July.']**

'-'.join('There can only one.'.split())= **['T-h-e-r-e-', '-c-a-n-', '-o-n-l-y-', '-o-n-e-.']**

9. What are the methods for right-justifying, left-justifying, and centering a string?

A) rjust()=right justify

ljust()= left justify

center() =center **2**

10. What is the best way to remove whitespace characters from the start or end?

A) 1. str.replace(“ ”,””)

2. str.split()

**References:**

1.https://www.w3schools.com/python/gloss\_python\_escape\_characters.asp

2.https://www.geeksforgeeks.org/python-string-ljust-rjust-center