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

Escape characters are used in string to use the character like quotes, %, new line, tabs etc.

We can use the \’ for adding the single quotes

\n, \t, \b for new line, tab and backspace

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

n stands for new line and t stands for tab

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

We can use double slash as below:

\\

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?

As here we’re using the double quotes which can incorporates the single quotes so need to use the escape character here.

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

We can use the print function with parameter as end=’Any’, default the parameter is \n. with this we can write.

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() : hello

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())

'There-can-only-one.'

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

Right-justifying: rjust()

Left-justifying : ljust()

Centering the string: center()

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

We can use the lstrip(), rstrip() for removing the whitespaces from the string.