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

Ans 1 - Escape character in python indicates whitespace characters. It is usually represented by backslash "\".

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

Ans 2 - \n = newline, \t = tab

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

Ans 3 - An escape character is a backslash \ followed by the character you want to insert.

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?

Ans 4 - The single quote in Howl's will work fine as we have used double quote to mark the beginning and end of the string.

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

Ans 5 - os.linesep

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?

Ans 9 - right justify = rjust()

left justify = ljust()

centering = center()

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