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

Ans – Escape characters are used when we want to insert illegal characters in a string.the examples of escape characters are backlash(\), double quote(\\), new line(\n), null character(\0)

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

Ans – n - new line , t- horizontal tab

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

Ans - \\

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 - backlash should be used. EX-"How\'s Moving Castle"

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

Ans – By default python prints every output in 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() - 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 - rjust(), ljust(), centre()

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

Ans - .strip()