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

Ans. Escape characters are those which are when used inside a character or string, does not represent itself but is converted into another character or series of characters that could be difficult to express directly, by using the backlash in python we can use the escape character.

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

Ans. \n – new line

\t - tab

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

Ans. By using \\ escape character.

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. Because the string is wrapped in double quotes, then it can read the single quote in the string.

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

Ans. By using the multiline string i.e.

‘’’ string characters

are used in this’’’

6. What are the values of the given expressions?

Ans.

'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?

Ans '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()

'-'.join('There can only one.'.split())

Ans. 'There-can-only-one.'

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

Ans. By using the string methods like - Centre(), rjust(), ljust()

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

Ans. By using the methods like rstrip() and lstrip().