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

**Ans-**Escape characters represent characters in string values that would otherwise be difficult or impossible to type into code.

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

Ans- \n is a new line

\t is a tab

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

Ans -The \\ escape character will represent a backslash 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 we used Howl’s Moving Castle in double quotes.

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

Ans- Multiline strings allow you to use newlines in strings without the \n escape character**.**

**6. What are the values of the given expressions?**

**'Hello, world!'[1]**

**'Hello, world!'[0:5]**

**'Hello, world!'[:5]**

**'Hello, world!'[3:]**

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?**

**'Hello'.upper()**

**'Hello'.upper().isupper()**

**'Hello'.upper().lower()**

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- [‘Remember’, ‘remember’ , ‘the’ , ‘fifth’, ‘of’, ‘July’]

‘There-can-only-one-split’

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

Ans- For right justifying rjust()

For left justifying ljust()

For centre centre()

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

Ans-The lstrip() and rstrip() methods remove whitespace from the left and right ends of a string, respectively.