1)what are the escape characters. And how do you use them ?

Ans : To insert characters that are illegal in a string, use an escape character.

An escape character is a backslash \ followed by the character we want to insert.

An example of an illegal character is a double quote inside a string that is surrounded by double quotes:

Example:txt = "We are the so-called "Vikings" from the north."

To fix this problem, use the escape character \":

Ex.The escape character allows you to use double quotes.

txt = "We are the so-called \"Vikings\" from the north."

2)what do the escape characters n and t stand for ?

Ans : n : new line \n

Ex : txt = "Hello\nWorld!"

print(txt)

O/P Hello

World!

t : tab \t

Ex : txt = "Hello\tWorld!"

print(txt)

O/P : Hello world!

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 : The single quote in Howl's is fine because we have used double quotes 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 : Multiline strings allow you to use newlines in strings without the \n escape character.

6)what are the values of the given expression ?

'hello,word!'[1]

'hello,word!'[0:5]

'hello,word!'[:5]

'hello,word!'[3:]

Ans : 'e'

'Hello'

'Hello'

'lo world!

7)what are the values of the following expression ?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

Ans : 'HELLO'

True

'hello'

8)what are the values of the following expression ?

'Remember,remember,the fifth of july.'.split()

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

Ans : ['Remember,', 'remember,', 'the', 'fifth', 'of', 'November.']

'There-can-be-only-one.

9)what are the methods for right justifying,left justifying and centering a string ?

Ans : The rjust(), ljust(), and center() string methods, respectively

10)what is the best way to remove whitespace character from start to end ?

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