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

**Solution:-** the escape character is represent by backlash “ \ ” in python strings & it is used to escape a single character. By using this only the character immediately following the backlash is escaped. Also used in representing certain characters like – “\t” for tab, “\n” for newline

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

**Solution:-** \n stands for newline

\t stands for tab

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

**Solution:-**  we need to use two backlashes “\\” to include in a string.

**4. The string “Howl’s Moving Castle” is a correct value. Why isn’t the single quote character in the word Howls not escaped a problem?**

**Solution:-** Because here the whole string is quoted in double quotes.

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

**Solution:-** We can use multiline stings .

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

**‘Hello, world!’[1]**

‘Hello, world!’[0:5]

‘Hello, world!’[:5]

‘Hello, world![3:]

**Solution:- ‘**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()**

**Solution:-** Hello.upper() ======🡺 ‘ HELLO ’

‘Hello’.upper().isupper() ======🡺 True

‘Hello’.upper().lower() ======🡺 False

**8. What are the values of the following expressions?**

**‘Remember, remember, the fifth of July.’.split()**

**‘-‘.join(‘There can only one.’.split())**

**Solution:-** ‘Remember, remember, the fifth of July.’.split() =====🡺 [ ‘Remember ’,

‘ remember ‘, ‘the’, ‘ fifth ’, ‘of ’, ‘ July ’ ]

‘-‘.join(‘There can only one.’.split()) =======🡺 ‘ There-can-be-only-one ‘

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

**Solution:-** methods ,

for right-justifying ===🡺 rjust( )

for Left-justifying ===🡺 ljust( )

for centering ===🡺 center( )

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

**Solution:-** The best way to remove whitespace characters from the start is lstrip( ) & from the end is rstrip( )