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

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

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

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

**print(txt)**

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

**Ans :** \n – newline, \t - tab

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

**Ans :** the backslash (\) escape other special characters. For example, if you have a string that has a single quote inside a single-quoted string like the following string, you need to use the backslash to escape the single quote character:

**Example : s = '"Python\'s awesome" She said'**

**print(s)**

**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?**

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

**Ans :** We use the end = “ “ attribute inside the print function in the python

**Example : print(“Hello”, end = ‘\n’)**

**print(“Hello”)**

**print(“World”)**

**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 :**

text = "Hello"

width = 10

fillchar = '-'

left\_justified = text.ljust(width, fillchar)

print(left\_justified) # Output: "Hello-----"

right\_justified = text.rjust(width, fillchar)

print(right\_justified) # Output: "-----Hello"

centered = text.center(width, fillchar)

print(centered) # Output: "--Hello--"

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

**Ans :** # Original string with whitespace characters at the start and end

original\_string = " Hello, World! "

trimmed\_string = original\_string.strip()

print(trimmed\_string) # Output: "Hello, World!"