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

**Ans**: To avoid the illegal characters during compile time we use escape characters. It generally starts with ‘\’ followed by character.

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

**Ans: ‘**n’ standard for newline character prints the statement in new line and ‘t’ stand for horizontal tab space.

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

**Ans:** \\

**Ex:** print("hello \\ hai")

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:** Since, we are using single quote inside a double quotes, python will automatically understand the single quote.

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

**Ans**: newline strings enclosed in triple quotes

**Ex:**

s='''

hello

everyone

'''

print(s)

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?

**Ans**:

'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:** ljust(), rjust(), center()

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

**Ans:**

str1 = " hello "

print(str1.strip())