1. What are 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 you want to insert.

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

Ans: - "\t" is a tab, "\n" is a newline

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

Ans: - print(“The student named /”Aakash/” was there.”)

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 you've 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 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?

'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', 'November.']

'-'.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?

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

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.