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

\ is used for escape character

\t : tab

\n : new line

\r : carriage return

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

N stands for newline and t for tab

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

Using two backslash in double quites

Text=”\\”

Print(Text)

\

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?

Because for closing the string we have used “” double quotes.

If we close the string with single quote and have “ inside the string then that is also acceptable e.g.

str='Howl"s Moving Castle'

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

Using \n

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?

ljust(), rjust(), center()

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

Use strip() method