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

Ans : To insert characters that are illegal like special characters ( ‘ ‘ ‘,’ / ‘ ,tab , next line , carriage return) in a string,we can use escape characters.

In Python , the backslash is an escape character.

Example : \r -----------> carriage return

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

\n ---------> new line

\t --------->tab

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

Ans : \\

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 : Because ‘ is a special character .So we have use an escape character to print as it is by using \’ .

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

Ans : We can use the ‘end’ parameter of the print()

ex: print(“Hello “ , end = “\n“ )

print(“World“)

output : Hello

World

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

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'.upper().isupper()

'Hello'.upper().lower()

Ans :

'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()

'-'.join('There can only one.'.split())

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 : right-justifying - rjust() ,

left-justifying - ljust() ,

centering – justifying - center()

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

Ans : By using strip function strip()