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

**Ans.**

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

In a string we can’t insert a character legally, so to insert a character w use escape character.

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

**Ans.**

The escape character n stand for a new line and t stands for a tab or blank space.

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

**Ans.**

By using double backslash, we can include one backslash in a string.

i.e - \\

**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 string **"Howl's Moving Castle"** is a correct value because inside a double quoted string we can write single quote and inside a single quoted string we can write double quote.

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

**Ans.**

by using multi-line strings, we can write a string of newlines without using \n character. Multiline string starts and ends with either three single quotes or three double quotes.

Ex –

Print(‘’’ hi there,

How are you doing??

I think, you are doing good’’’)

**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()**

**o/p -** ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

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

**o/p -** 'There-can-only-one.'

**9. What are the methods for right-justifying, left-justifying, and centering a string?**

**Ans.**

rjust() - for right-justifying

ljust() – for left-justifying

center() – for centering

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

**Ans.**

By using lstrip() and rstrip() methods we can remove white space characters from the start or end respectively.

lstrip() – remove white spaces from the beginning.

rstrip() – remove white spaces from the end.