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

**Ans: Escape characters are used to insert illegal characters like single quotes, double quotes, etc in a string or to perform certain functions like inserting new line, tab, etc. An escape character is a backslash (\) followed by characters which perform the required function. For example \’ is used to insert single quotes inside a string.**

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

**Ans: \n inserts a new line and \t inserts a 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: Since the string starts with a double quote, python expects the string to end with a double quote as well, therefore it does not consider the single quote as the end of string. Hence there is no error in above statement.**

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

**Ans: print() function in python3 inserts a new line character, so we can use multiple print statements if we do not want to use \n.**

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: rjust() ljust() and center() methods can be used to right-justify, left-justify and centering a string respectively.**

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

**Ans: .strip() method**