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

**Ans: Escape character is backslash \ followed by characters that’s need s to be inserted in a string. To insert single quotes or double quotes inside the string, ned to use \ before the quotes, to insert single slash, need to have another backlash before that**

2. What do the escape characters n and t stand for? **Ans : \n -> next line, \t -> tab**

3. What is the way to include backslash characters in a string? **Ans : Use \\ to print single slash like "Good Day\\Good Night" to print Good Day\Good Night**

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 is enclosed with double quotes, single apostrophe in Howl’s does not use any escape character**

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

**Ans: Using multiline string( either 3 double quotes or 3 single quotes)**

6. What are the values of the given expressions?

'Hello, world!'[1] **Ans : e**

'Hello, world!'[0:5] **Ans: 'Hello'**

'Hello, world!'[:5] **Ans: 'Hello'**

'Hello, world!'[3:] **Ans: 'lo, world!'**

7. What are the values of the following expressions?

'Hello'.upper() **Ans: 'HELLO'**

'Hello'.upper().isupper() **Ans: True**

'Hello'.upper().lower() **Ans: 'hello'**

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.'.split() **Ans: ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']**

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

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

Right-justyfying – **rjust(),** left-justifying **– ljust()** , centering of a string – **center()**

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

**Ans: lstrip() and rstrip()**