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

Ans. Escape character is the backslash \ followed by character which is illegal in string.   
Example. \” is used to add double quote inside a string surrounded by double quote.

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

Ans. \t is a tab and \n is a new line

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

Ans. use double backslash to add backslash character in a string  
Example. “Add one backslash as \\ in any string”

1. 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 single quote in Howl’s is added inside a string surrounded by double quote

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

Ans. By using multiline strings  
Example.   
name = “”” Hello,  
My Name is Ram”””

1. 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()

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

Ans.  
['Remember,', 'remember,', 'the', 'fifth', 'of', 'july']

'There-can-only-one'

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

Ans.

**rjust**() method for right-justifying

l**just**() method for left-justifying

**center**() method for centering

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

Ans. lstrip() and rstrip() methods are used to remove whitespace from the left end and right end of a string, respectively.