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

**Ans:** Escape characters or sequences are illegal characters for Python and never get printed as part of the output. When backslash is used in Python programming, it allows the program to escape the next characters.

Following would be the syntax for an escape sequence

**Syntax:**

\Escape character

**Explanation:**

Here, the escape character could be t, n, e, or backslash itself.

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

**Ans:** It is used in representing certain whitespace characters: "\t" is a tab while "\n" is a newline.

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

**Ans:** If someone wants to include a backslash character itself, he/she needs two backslashes or use the @ verbatim string:

var s = "\\Tasks";

// or

var s = @"\Tasks";

**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 single quote in Howl's is fine because you've used double quotes to mark the beginning and end of the string.

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

**Ans:** Multiline strings allow you to use newlines in strings without the \n escape character.

**6.** What are the values of the given expressions?

‘Hello, world!’[1]

‘Hello, world!’[0:5]

‘Hello, world!’[:5]

‘Hello, world!’[3:]

**Ans:** The expressions evaluate to the following:  
‘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:** The expressions evaluate to the following:

'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 be only one.'.split())

**Ans:** The expressions evaluate to the following:  
['Remember,', 'remember,', 'the', 'fifth', 'of', 'November.']  
'There-can-be-only-one.

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

**Ans:** The rjust(), ljust(), and center() string methods, respectively for right-justifying, left-justifying, and centering a string.

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

**Ans:** The lstrip() and rstrip() methods remove whitespace from the left and right ends of a string, respectively.