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

‘\’, ‘\\’,’\n’,’\r’,’\t’,’\b’,’\f’,’\ooo’,’\xhh’ are escape character. Using double quotes escape characters are used.

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

n stands for next line

t stands for tab space

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

“\\”

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?

The string is enclosed by double quotes

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

os.linesep

6. What are the values of the given expressions?

'Hello, world!'[1] = e

'Hello, world!'[0:5] = “Helllo”

'Hello, world!'[:5] = “Hello”

'Hello, world!'[3:] = “lo, world!“

7. What are the values of the following expressions?

'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() = ['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?

To pad the characters in string.Ex

Str = “Test”

Right-justfying = Str.rjust(40, “56”)

left-justfying = Str.rjust(40, “56”)

center-justfying = Str.center(40, “56”)

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

Using strip function ex. Str= “ok jio ”

Str.strip()