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

Ans. to insert character that are illegal in a string , we use an escape character.

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

Ans. n will creae the new line.t – for new tab.

print ('orange\nred')

print ('orange\tred')

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

Ans. use double backlash

print ('orange\\red')

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 it’s used within double quote, so it’s coming there.

print ("Howl's Moving Castle")

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

Ans. use of end =”” .

print ("hello",end=" ")

print ("world")

6. What are the values of the given expressions?

'Hello, world!'[1] - H

'Hello, world!'[0:5]- ‘Hell’

'Hello, world!'[:5]:- ‘Hell’

'Hello, world!'[3:] – ‘lo, world!’

7. What are the values of the following expressions?

'Hello'.upper() -: HELLO

'Hello'.upper().isupper()-:- True

'Hello'.upper().lower() -False

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.'.split()

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

Ans. ‘There-can-be-only-one’.

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

Ans. ljust(),rjust(),center()

cstr = "I love geeksforgeeks"

print ("The original string is : \n",cstr,"\n")

print ("The left aligned string is : ")

print (cstr.ljust(40, '-'))

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

Ans. trim()