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

**Ans:** Escape characters allow you to include special characters in string. It starts with \

Eg:

\n – new line

\t -- tab

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

**Ans:** \n – new line

\t -- tab

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

**Ans:** print(“It\’s a statement”)

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: As backslash is not present before the ‘ it searches for the closing ‘.**

**If written as :** "Howl\'s Moving Castle" it will be correct

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

**Ans:**

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

**Ans:**

'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:**

'Hello'.upper() 🡪’HELLO’

'Hello'.upper().isupper() 🡪 False

'Hello'.upper().lower() 🡪 ‘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.'.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?

**Ans: st = “Ankita”**

st.rjust(40, '-')

st.center(40, '-')

**st.ljust(40, '-')**

🡪 ----------------------------------Ankita

-----------------Ankita-----------------

Ankita----------------------------------

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

**Ans:** strip() is used to remove white space from start and end