**Assignment 6-**

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

**Ans-1** In Python, the escape character represents a character in a string

**2. What do the escape characters’ n and t stand for?**

**Ans-2 “**n” stand for newline and “t” stand for new tab

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

**Ans-3** In python backlash character is represented by \\

**4. The string Howls Moving Castle is a correct value. Why isnt the single quote character in the**

**word Howls not escaped a problem?**

**Ans-4** This is because the whole string is enclosed in double quotes

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

**Ans-5** In Python we can use Multiline strings (A multiline string in Python begins and ends with either three single quotes or three double quotes.) that will allow newlines in string

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

**Ans-6**

**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?**

**Ans7-**

**Hello.upper()-**  'HELLO'

**Hello.upper().isupper()**

**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-8** ['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-**9 In Python for right-justifying we use rjust() method,

for left-justifying we use ljust() method

for centering we use center()methods

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

**Ans-10** In Python to remove whitespace characters from the start or end we use lstrip() and rstrip() methods