Lesson 11: String
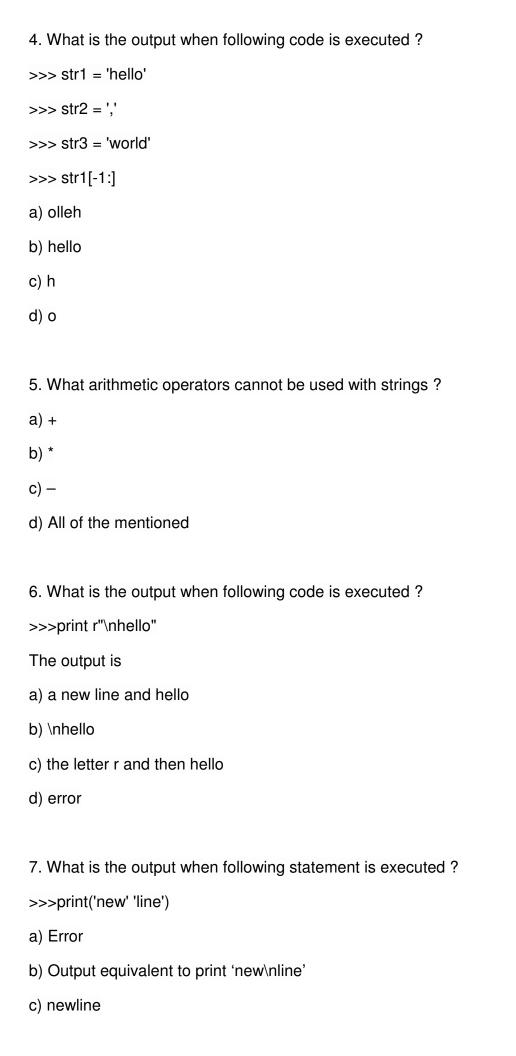
A.   (Q1 to Q20) There are four options against each question. Choose the option which you   consider the most appropriate as your answer.

1. What is the output when following statement is executed ?

>>>"a"+"bc"

a) a

b) bc

c) bca

d) abc

2. What is the output when following statement is executed ?

>>>"abcd"[2:]

a) a

b) ab

c) cd

d) dc

3. The output of executing string.ascii_letters can also be achieved by:

a) string.ascii_lowercase_string.digits

b) string.ascii_lowercase+string.ascii_upercase

c) string.letters

d) string.lowercase_string.upercase

4. What is the output when following code is executed ?

>>> str1 = 'hello'

>>> str2 = ','

>>> str3 = 'world'

>>> str1[-1:]

a) olleh

b) hello

c) h

d) o

5. What arithmetic operators cannot be used with strings ?

a) +

b) *

c) –

d) All of the mentioned

6. What is the output when following code is executed ?

>>>print r"\nhello"

The output is

a) a new line and hello

b) \nhello

c) the letter r and then hello

d) error

7. What is the output when following statement is executed ?

>>>print('new' 'line')

a) Error

b) Output equivalent to print 'new\nline'

c) newline

d) new line

8. What is the output when following statement is executed ?

>>> print('x\97\x98')

a) Error

b) 97

98

c) x\97

d) \x97\x98

9. What is the output when following code is executed ?

>>>str1="helloworld"

>>>str1[::-1]

a) dlrowolleh

b) hello

c) world

d) helloworld

10. print(0xA + 0xB + 0xC) :

a) 0xA0xB0xC

b) Error

c) 0x22

d) 33

11. What is the output of the following?

print("xyyzxyzxzxyy".count('yy'))

a) 2

b) 0

c) error

d) none of the mentioned

12. What is the output of the following?

print("xyyzxyzxzxyy".count('yy', 1))

a) 2

b) 0

c) 1

d) none of the mentioned

13. What is the output of the following?

print("xyyzxyzxzxyy".count('yy', 2))

a) 2

b) 0

c) 1

d) none of the mentioned

14. What is the output of the following?

print("xyyzxyzxzxyy".count('xyy', 0, 100))

a) 2

b) 0

c) 1

d) error

15. What is the output of the following?

print("xyyzxyzxzxyy".count('xyy', 2, 11))

a) 2

b) 0

c) 1

d) error

16. What is the output of the following?

print("xyyzxyzxzxyy".count('xyy', -10, -1))

a) 2

b) 0

c) 1

d) error

B. Long Answer Questions:

1. What is string? Write syntax to declare string in python.
2. What is forward indexing and back word indexing?
3. Explain all string built in methods.
4. What are character methods? Explain in detail.