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

>>>"a"+"bc"

a) a

b) bc

c) bca

d) abc

Answer: d

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

>>>"abcd"[2:]

a) a

b) ab

c) cd

d) dc

Answer: c

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

Answer: b

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

Answer: d

5. What arithmetic operators cannot be used with strings ?

a) +

b) \*

c) –

d) All of the mentioned

Answer: c

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

Answer: b

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

Answer: c

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

Answer: c

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

>>>str1="helloworld"

>>>str1[::-1]

a) dlrowolleh

b) hello

c) world

d) helloworld

Answer: a

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

a) 0xA0xB0xC

b) Error

c) 0x22

d) 33

Answer: d

11. What is the output of the following?

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

a) 2

b) 0

c) error

d) none of the mentioned

Answer: a

12. What is the output of the following?

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

a) 2

b) 0

c) 1

d) none of the mentioned

Answer: a

13. What is the output of the following?

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

a) 2

b) 0

c) 1

d) none of the mentioned

Answer: c

14. What is the output of the following?

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

a) 2

b) 0

c) 1

d) error

Answer: a

15. What is the output of the following?

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

a) 2

b) 0

c) 1

d) error

Answer: b

16. What is the output of the following?

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

a) 2

b) 0

c) 1

d) error

Answer: b

17.Which of the following will result in an error?

str1="python"

A. print(str1[2])  
B. str1[1]="x"  
C. print(str1[0:9])  
D. Both (b) and (c)

Ans : B

Explanation: Strings are immutable. So,new values cannot be assigned at any index position in a string

1. Which of the following is False?

A. String is immutable.  
B. capitalize() function in string is used to return a string by converting the whole given string into uppercase.  
C. lower() function in string is used to return a string by converting the whole given string into lowercase.  
D. None of these.

Ans : B

Explanation: capitalize() function in string gives the output by converting only the first character of the string into uppercase and rest characters into lowercase.However, upper() function is used to return the whole string into uppercase.

1. What will be the output of below Python code?

str1="Information"

print(str1[2:8])

A. format  
B. formatio  
C. orma  
D. ormat

Ans : A

Explanation: Concept of slicing is used in this question. In string slicing,the output is the substring starting from the first given index position i.e 2 to one less than the second given index position i.e.(8-1=7) of the given string str1. Hence, the output will be "format".

1. What will be the output of below Python code?

str1="Aplication"

str2=str1.replace('a','A')

print(str2)

A. application  
B. Application   
C. ApplicAtion   
D. applicAtion

Ans : C

Explanation: replace() function in string is used here to replace all the existing "a" by "A" in the given string.

1. What will be the output of below Python code?

str1="poWer"

str1.upper()

print(str1)

A. POWER  
B. Power  
C. power  
D. poWer

Ans : D

Explanation: str1.upper() returns the uppercase of whole string str1. However,it doesnot change the string str1. So, output will be the original str1.

1. What will the below Python code will return?

If str1="save paper,save plants"

str1.find("save")

A. It returns the first index position of the first occurance of "save" in the given string str1.  
B. It returns the last index position of the last occurance of "save" in the given string str1.  
C. It returns the last index position of the first occurance of "save" in the given string str1.  
D. It returns the first index position of the first occurance of "save" in the given string str1.

Ans : A

Explanation: It returns the first index position of the first occurance of "save" in the given string str1.

23. What will the below Python code will return?

list1=[0,2,5,1]

str1="7"

for i in list1:

str1=str1+i

print(str1)

A. 70251  
B. 7  
C. 15  
D. Error

Ans : D

Explanation: list1 contains integers as its elements. Hence these cannot be concatenated to string str1 by simple "+" operand. These should be converted to string first by use of str() function,then only these will get concatenated.

24. Which of the following will give "Simon" as output?

If str1="John,Simon,Aryan"

A. print(str1[-7:-12])  
B. print(str1[-11:-7])  
C. print(str1[-11:-6])  
D. print(str1[-7:-11])

Ans : C

Explanation: Slicing takes place at one index position less than the given second index position of the string. So,second index position will be -7+1=-6.

25. What will following Python code return?

str1="Stack of books"

print(len(str1))

A. 13  
B. 14  
C. 15  
D. 16

Ans : B

Explanation: len() returns the length of the given string str1, including spaces and considering " " as a single character