MCQ Paper of Python String Set 1

Time : 30 minutes   M.M.:20

(1) What will be the output of following code?   [1]
```
sub = "PYTHON"
for i in sub:
        print(i, ' ',end=" ")
```
(a) P   (b) P Y T H O N   (c)PYTHON   (d)P,Y,T,H,O,N
   Y
   T
   H
   O
   N

(2) Select the correct output of the code: [1]
```
a= "Year 2022 at All the best"
a = a.split('2')
b = a[0] + ". " + a[1] + ". " + a[3]
print (b)
```
(a) Year . 0. at All the best   (b) Year 0. at All the best
(c) Year . 022. at All the best   (d) Year . 0. at all the best

(3) Which of the following statement(s) would give an error after executing the following code?   [1]
```
S="Welcome to class XII"   # Statement 1
print(S)                        # Statement 2
S="Thank you"                   # Statement 3
S[0]= '@'                       # Statement 4
S=S+"Thank you"            # Statement 5
```
(a) Statement 3   (b) Statement 4   (c) Statement 5   (d) Statement 4 and 5

(4) Predict the output of the code given below: [2]
```
s="welcome2cs"
n = len(s)
m_=""
for i in range(0, n):
        if (s[i] >= 'a' and s[i] <= 'm'):
                m = m +s[i].upper()
        elif (s[i] >= 'n' and s[i] <= 'z'):
                m = m +s[i-1]
        elif (s[i].isupper()):
                m = m + s[i].lower()
        else:
                m = m +'&'
print(m)
```

(5) Find and write the output of the following python code: [2]
```
Msg="CompuTer" Msg1=""
for i in range(0, len(Msg)):
        if Msg[i].isupper():
                Msg1=Msg1+Msg[i].lower()
        elif i%2=0:
                Msg1=Msg1+'*'
        else:
                Msg1=Msg1 +Msg[i].upper()
print(Msg1)
```

(6) Find and write the output of the following python code: [2]
```
x = "Welcome"
i="e"
while i in x:
```

```
        print(i, end = "$")
```

(7) Given is a Python string declaration: [1]
myexam="@@CBSE Examination 2022@@"
Write the output of: print(myexam[::-3])

(8) Given the Python declaration S1 = "Hello". Which of the following statements will give an error?   [1]
(a) print (s1[4])   (b) s2=s1
(c) S1=S1[4]   (d) S1[4]="Y"

(9) Which of the following is not a valid Python string operation?   [1]
(a) 'Welcome' + '10'   (b) 'Welcome' * 10
(c) 'Welcome' * 10.0   (d) "10" + 'Welcome'

(10) Identify the output of the following Python statements   [1]
S = "GOOD MORNING"
print (S.capitalize () ,S.title() ,end="!")
(a) GOOD MORNING! Good morning
(b) Good Morning!Good morning
(c) Good morning!Good Morning!
(d) Good morning Good Morning!

(11) What will be the output?   [1]
x = 'ARIHANT'
for i in range(len(x)):
        x[i].lower()
print(x)
(a) ARIHANT   (b) arihant   (c) Arihant   (d) Error

(12) What is the output of following code?   [2]
l="HELLO"
j=" "
l1=[]
count=1
for i in l:
        if i in['a', 'e', 'i', 'o', 'u']:
                j=j+i.swapcase()
        else:
                if(count%2 !=0):
                        j=j+str(len(l[:count]))
                else:
                        j=j+i
                count=count+1
        print(j)

(a) H2LL5   (b) H2L45   (c) 1E3L5   (d) Error

(13) Find the output of the following code: [2]
Name="PythoN3@1"
R=" "
for x in range(len(Name)):
        if Name[x].isupper():
                R=R+Name[x]. lower()
        elif Name[x].islower():
                R=R+Name[x] .upper()
        elif Name[x].isdigit():
                R=R+Name[x-1]
        else:
                R=R+"#"
print(R)
```

(a) pYTHOn##@        (b) pYTHOnN#@       (c) pYTHOn#@       (d) pYTHOnN@#

(14) What will be the output of the following Python code?                    [1]

```
x = "abcdef"
i="a"
while i in x:
        print('i'. end =" ")
```
(a) No output          (b)i i i i i i...      (c)a a a a a a...    (d)a b c d e f

(15) What will be the output of the following Python code snippet?             [1]

```
x = 'abcd'
for i in range(len(x)):
        print(x)
        x= a'
```
(a) a                (b) abcd abcd abcd abcd

(c)a a a a            (d) None of the mentioned

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## [Solution]

(1) (b) P Y T H O N          (2) (a) Year . 0. at All the best          (3) (b) Statement 4          (4)  sELCcME&Cc

(5) Ans: cO*P*t*R          (6) Ans :e$e$e$eSe......          (7) Ans: @2 ina B@          (8) (d) S1[4]="Y"

(9) (c) 'Welcome' * 10.0          (10) (d) Good morning Good Morning!          (11) (a) ARIHANT (12) (c) 1E3L5

(13) (b) pYTHOnN#@          (14) (b)i i i i i i...          (15) (d) None of the mentioned