Python Programming

1 of 1 sets

1. What is the output of the following code: print 9//2	
A. 4.5	
B. 4.0	
C. 4	
D. Error	
Answer:C	
2. Which function overloads	the >> operator?
A. more()	
B. gt()	
C. ge()	
D. rshift()	46.
Answer:D	Maire colu
3. What is the output of the f i = 0 while i < 3: print i print i+1 A. 0 2 1 3 2 4 B. 0 1 2 3 4 5 C. 0 1 1 2 2 3 D. 1 0 2 4 3 5 Answer:C	collowing program :
4. Which module in Python s	supports regular expressions?
A. re	when we referred outside of the contraction of the
B. regex	
C. pyregex	
D. None of the above	

Answer:A

5. What is the output of the following program : print $0.1 + 0.2 == 0.3$
A. True
B. False
C. Machine dependent
D. Error
Answer:B
Explanation:- Neither of 0.1, 0.2 and 0.3 can be represented accurately in binary. The
round off errors from 0.1 and 0.2 accumulate and hence there is a difference of 5.5511e-17
between (0.1 + 0.2) and 0.3.
6. Which of these is not a core data type?
A. Lists
B. Dictionary
C. Tuples
D. Class
Answer:D
7 What data temps is the object helevy? I [1 22 hells? 1]
7. What data type is the object below? L = [1, 23, ,,hello?, 1] A. List
B. Dictionary
C. Tuple
D. Array
Answer:A
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8. What is the output of the following program:
def myfunc(a): $a = a + 2$
$\mathbf{a} = \mathbf{a} + 2$ $\mathbf{a} = \mathbf{a} * 2$
return a
print myfunc(2)
A. 8
B. 16
C. Indentation Error
D. Runtime Error
Answer:C

9. What is the output of	the expression: 5.15
A. 27	
B. 9	
C. 3	
D. 1	
Answer:C	
10. What is the output of	f the following program: print '{0:.2}'.format(1.0 / 3)
A. 0.333333	
B. 0.33	
C. 0.333333:-2	
D. Error	
Answer:B	
11. What is the output of	f the following program : print '{0:-2%}'.format(1.0 / 3)
A. 0.33	
B. 0.33%	
C. 33.33%	
D. 33%	
Answer:C	
12. What is the output of	f the following program :
i = 0	
while i < 3: print i	
i += 1	
else:	
print 0	
A. 0 1 2 3 0	
B. 0 1 2 0	
C. 0 1 2	
D. Error	
Answer:B	
13. What is the output of the following program : $i=0$ while $i<5$:	

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print(i)
i += 1
if i == 3:
break
else:
print(0)
  A. 0120
  B. 012
  C. Error
  D. None of the above
Answer:B
14. What is the output of the following program: print 'cd'.partition('cd')
  A. ("cd?)
  B. (")
  C. ("cd?, ", ")
  D. (", ",cd?, ")
Answer:D
15. What is the output of the following program: print 'abcefd'.replace('cd', '12')
  A. ab1ef2
  B. abcefd
  C. ab1efd
  D. ab12ed2
Answer:B
16. What will be displayed by the following code?
def f(value, values):
v = 1
values[0] = 44
t = 3
v = [1, 2, 3]
f(t, v)
print(t, v[0])
  A. 11
  B. 144
  C. 31
  D. 344
```

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17. Predict the output of following python programs
dictionary1 = {'Google': 1,
'Facebook': 2,
'Microsoft': 3
dictionary2 = {'GFG' : 1,}
'Microsoft': 2,
'Youtube': 3
dictionary1.update(dictionary2);
for key, values in dictionary1.items():
print(key, values)
  A. Compilation error
  B. Runtime error
  C. ("Google?, 1) ("Facebook?, 2) ("Youtube?, 3) ("Microsoft?, 2) ("GFG?, 1)
  D. None of these
Answer:C
18. What is the output of the following program?
dictionary1 = {'GFG': 1,}
'Google': 2,
'GFG': 3
print(dictionary1['GFG']);
  A. Compilation error due to duplicate keys
  B. Runtime time error due to duplicate keys
  C. 3
  D 1
Answer:C
19. What is the output of the following program?
temp = dict()
temp['key1'] = {'key1' : 44, 'key2' : 566}
temp['key2'] = [1, 2, 3, 4]
for (key, values) in temp.items():
print(values, end = "")
  A. Compilation error
```

- B. {,,key1?: 44, ,,key2?: 566}[1, 2, 3, 4]
- C. Runtime error
- D. None of the above

Answer:B

20. What is the output of the following program? data = [2, 3, 9] town = [[x for x in [data]] for x in range(3)]

temp = [[x for x in[data]] for x in range(3)]
print (temp)

- A. [[[2, 3, 9]], [[2, 3, 9]], [[2, 3, 9]]]
- B. [[2, 3, 9], [2, 3, 9], [2, 3, 9]]
- C. [[[2, 3, 9]], [[2, 3, 9]]]
- D. None of these

Answer:A

21. What is the output of the following program? data = [x for x in range(5)]

temp = [x for x in range(7)] if x in data and x%2==0] print(temp)

- A. [0, 2, 4, 6]
- B. [0, 2, 4]
- C. [0, 1, 2, 3, 4, 5]
- D. Runtime error

Answer:B

22. What is the output of the following program?

L1 = [1, 2, 3, 4]

L2 = L1

L3 = L1.copy()

L4 = list(L1)

L1[0] = [5]

print(L1, L2, L3, L4)

- A. [5, 2, 3, 4] [5, 2, 3, 4] [1, 2, 3, 4] [1, 2, 3, 4]
- B. [[5], 2, 3, 4] [[5], 2, 3, 4] [[5], 2, 3, 4] [1, 2, 3, 4]
- C. [5, 2, 3, 4] [5, 2, 3, 4] [5, 2, 3, 4] [1, 2, 3, 4]
- D. [[5], 2, 3, 4] [[5], 2, 3, 4] [1, 2, 3, 4] [1, 2, 3, 4]

Answer:D

```
23. What is the output of the following program?
import sys
L1 = tuple()
print(sys.getsizeof(L1), end = " ")
L1 = (1, 2)
print(sys.getsizeof(L1), end = " ")
L1 = (1, 3, (4, 5))
print(sys.getsizeof(L1), end = " ")
L1 = (1, 2, 3, 4, 5, [3, 4], 'p', '8', 9.777, (1, 3))
print(sys.getsizeof(L1))
  A. 02310
  B. 32 34 35 42
  C. 48 64 72 128
  D. 48 144 192 480
Answer:C
24. What is the output of the following program?
T = (1, 2, 3, 4, 5, 6, 7, 8)
print(T[T.index(5)], end = " ")
print(T[T[6]-3]-6])
  A. 40
  B. 58
  C. 5 IndexError
  D. 41
Answer:B
25. What is the output of the following program?
L = [1, 3, 5, 7, 9]
print(L.pop(-3), end = ' ')
print(L.remove(L[0]), end = ' ')
print(L)
  A. 5 None [3, 7, 9]
  B. 5 1 [3, 7, 9]
  C. 5 1 [3, 7, 9]
  D. 5 None [1, 3, 7, 9]
Answer:A
26. What is the output of the following program?
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def REVERSE(L):

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L.reverse()
return(L)
def YKNJS(L):
List = list()
List.extend(REVERSE(L))
print(List)
L = [1, 3.1, 5.31, 7.531]
YKNJS(L)
  A. [1, 3.1, 5.31, 7.531]
  B. [7.531, 5.31, 3.1, 1]
  C. IndexError
  D. AttributeError: "NoneType? object has no attribute "REVERSE?
Answer:B
27. What is the output of the following program?
from math import sqrt
L1 = [x**2 \text{ for } x \text{ in range}(10)].pop()
L1 + = 19
print(sqrt(L1), end = " ")
L1 = [x**2 \text{ for } x \text{ in reversed}(range(10))].pop()
L1 + = 16
print(int(sqrt(L1))) \\
  A. 10.0 4.0
  B. 4.3588 4
  C. 10.04
  D. 10.00
Answer:C
28. What is the output of the following program?
\mathbf{D} = \mathbf{dict}()
for x in enumerate(range(2)):
D[x[0]] = x[1]
D[x[1]+7] = x[0]
print(D)
  A. KeyError
  B. {0: 1, 7: 0, 1: 1, 8: 0}
  C. {0: 0, 7: 0, 1: 1, 8: 1}
  D. {1: 1, 7: 2, 0: 1, 8: 1}
Answer:C
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29. What is the output of the following program?
D = \{1:1,2:'2','1':1,'2':3\}
D['1'] = 2
print(D[D[D[str(D[1])]])
  A. 2
  B. 3
  C. "2?
  D. KeyError
Answer:B
30. What is the output of the following program?
\mathbf{D} = \mathbf{dict}()
for i in range (3):
for j in range(2):
D[i] = j
print(D)
  A. {0: 0, 1: 0, 2: 0}
  B. {0: 1, 1: 1, 2: 1}
  C. {0: 0, 1: 0, 2: 0, 0: 1, 1: 1, 2: 1}
  D. TypeError: Immutable object
Answer:B
31. What is the output of the following program? from math import *
a = 2.13
b = 3.7777
c = -3.12
print(int(a), floor(b), ceil(c), fabs(c))
  A. 23-43
  B. 23 -33.12
  C. 24-33
  D. 23-43.12
Answer:B
32. What is the output of the following program?
  A. [0, "2?, "3?, "4?, "5?, 0]
  B. [,6?, ,2?, ,3?, ,5?, ,5?, ,6?]
  C. [,0?, ,2?, ,3?, ,5?, ,5?, ,0?]
  D. [0, "2?, "3?, "5?, "5?, 0]
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33. What is the output of the following program?
import string
import string
Line1 = "And Then There Were None"
Line2 = "Famous In Love"
Line3 = "Famous Were The Kol And Klaus"
Line4 = Line1 + Line2 + Line3
print(string.find(Line1, 'Were'), string.count((Line4), 'And'))
  A. True 1
  B. 152
  C. (15, 2)
  D. True 2
Answer:C
34. What is the output of the following program?
line = "What will have so will"
L = line.split('a')
for i in L:
print(i, end=' ')
  A. [,,What?, ,,will?, ,,have?, ,,so?, ,,will?]
  B. Wh t will h ve so will
  C. What will have so will
  D. ["Wh?, "t will h?, "ve so will?]
Answer:B
35. What is the type of each element in sys.argv?
  A. set
  B. list
  C. tuple
  D. string
Answer:D
36. What is the length of sys.argv?
  A. number of arguments
  B. number of arguments + 1
  C. number of arguments - 1
```

D. none of the mentioned

Answer:C

40. What is the output of the following?
elements = $[0, 1, 2]$
def incr(x): return x+1
print(list(map(incr, elements)))
A. [1, 2, 3].
B. [0, 1, 2].
C. error
D. none of the mentioned
Answer:A
41. What is the output of the following? def to_upper(k): return k.upper() x = ['ab', 'cd'] print(list(map(to_upper, x)))
A. ["AB?, "CD?].
B. ["ab?, "cd?].
C. none of the mentioned
D. error
Answer:A
42. What is the output of the following? x = ['ab', 'cd']
print(len(list(map(list, x))))
A. 2
B. 4
C. error
D. none of the mentioned
Answer:A
43. Program code making use of a given module is called a of the module.
A. Client
B. Docstring
C. Interface
D. Modularity
Answer:A

44. What is the output of the following piece of code?
#mod1
def change(a):
b=[x*2 for x in a] print(b)
#mod2
def change(a):
b=[x*x for x in a]
print(b)
from mod1 import change
from mod2 import change
#main
s=[1,2,3] change(s)
A. [2,4,6].
B. [1,4,9].
C. [2,4,6].
D. There is a name clash
Answer:D
45. What is the output of the following program? tday=datetime.date.today() print(tday.month())
A. August
B. Aug
C. 08
D. 8
Answer:D
46. Which of the following formatting options can be used in order to add "n? blank spaces after a given string "S??
A. print("-ns"%S)
B. print("-ns"%S)
C. print("%ns"%S)
D. print("%-ns"%S)
Answer:D
47. What is the output of the following program? f = None for i in range (5):

vith open("data.txt", "w") as f: f i > 2:			
oreak			
orint(f.closed)			
A. True			
B. False			
C. None			
D. Error			
Answer:A			
8. To read the entire remaining contents of the file as a string from a file object nfile, we use			
A. infile.read(2)			
B. infile.read()			
C. infile.readline()			
D. infile.readlines()			
nswer:B			
9. Suppose $t = (1, 2, 4, 3)$, which of the following is incorrect?			
A. print(t[3])			
B. $t[3] = 45$			
C. print(max(t))			
D. print(len(t))			
answer:B			