NAME: TEST SCORE:

USERNAME: 

DATE: 

YEAR / GROUP: 

INSTRUCTIONS

This multiple-choice test consists of questions with 4 choices offered: A, B, C, and D. In order to score 1 point for correct answer for each question, all correct choices have to be clearly marked. There can be multiple correct answers offered as well as none of the choices may be a correct answer. Total score for this exam equals the number of correctly answered questions.
Test

Question 1

Which statements are true about Python?

A Stack frames are not destroyed when the function / method returns
B Mechanism to clean up the dead objects is Garbage collector
C Everything in Python is an object
D Python is dynamically typed language

Question 2

Which statements are true about Python lists?

A Python lists are mutable
B Python lists are immutable
C We can change list items
D We cannot change list items

Question 3

What is the output of the following?
number = 11
print(numbr)

A 11
B SyntaxError
C NameError
D ValueError

Question 4

Which of the following will raise Syntax Error?

A my_total_money$ = 150
B my_father’s_money = 150
C global = 150
D my-total-money = 150
Question 5
Which expressions return True as result?

A  2 ** 3 ** 2 == (2 ** 3) ** 2
B  2 ** 3 ** 2 < (2 ** 3) ** 2
C  2 ** 3 ** 2 > (2 ** 3) ** 2
D  2 ** 3 ** 2 != (2 ** 3) ** 2

Question 6
Which of the following operators has its associativity from right to left?

A  +
B  //
C  %
D  **

Question 7
What is the result of the following?
for n in range(5):
... n += 2
... print(n)

A  20
B  27
C  7
D  6

Question 8
What is the result of the following?

n = 1
for i in range(5):
... n += 2
... print(n)

A  3
B  25
C  11
D  9
Question 9

How many times will the break statement be executed?
```python
for n in range(2, 10):
    for x in range(2, n):
        if n % x == 0:
            print(n, 'equals', x, '*', n // x)
            break
```

A 4  
B 8  
C 2  
D 0  

Question 10

What will be the output of the last print statement executed?
```python
for n in range(2, 10):
    for x in range(2, n):
        if n % x == 0:
            print(n, 'equals', x, '*', n // x)
        break
```

A 4 equals 2 * 2  
B 6 equals 2 * 3  
C 8 equals 2 * 4  
D 9 equals 3 * 3  

Question 11

What is the output of the following?
```python
x = [1, 2, 3]
y = x 
y += [3, 2, 1]
print(x, y)
```

A [1, 2, 3] [1, 2, 3, 3, 2, 1]  
B [1, 2, 3, 3, 2, 1] [3, 2, 1]  
C [1, 2, 3, 3, 2, 1] [1, 2, 3, 3, 2, 1]  
D [1, 2, 3, 3, 2, 1] [3, 2, 1]
### Question 12
What will be the output?
```python
d = {"john": 40, "peter": 45}
print(list(d.keys()))
```

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>A</td>
<td>[&quot;john&quot;, &quot;peter&quot;]</td>
</tr>
<tr>
<td>B</td>
<td>[&quot;john&quot;:40, &quot;peter&quot;:45]</td>
</tr>
<tr>
<td>C</td>
<td>(&quot;john&quot;, &quot;peter&quot;)</td>
</tr>
<tr>
<td>D</td>
<td>(&quot;john&quot;:40, &quot;peter&quot;:45)</td>
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### Question 13
What is the output of the following?
```python
def f1():
    x=15
    print(x)
    x=12
f1()
```

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<tbody>
<tr>
<td>A</td>
<td>1215</td>
</tr>
<tr>
<td>B</td>
<td>1512</td>
</tr>
<tr>
<td>C</td>
<td>12</td>
</tr>
<tr>
<td>D</td>
<td>15</td>
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### Question 14
What is the output of the following code?
```python
class test:
    def __init__(self, a="Hello World"):
        self.a=a

    def display(self):
        print(self.a)
obj=test()
obj.display()
```

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>A</td>
<td>The program has an error because constructor can’t have default arguments</td>
</tr>
<tr>
<td>B</td>
<td>“Hello World” is displayed</td>
</tr>
<tr>
<td>C</td>
<td>The content of default value of variable a</td>
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<tr>
<td>D</td>
<td>Error</td>
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