

Question **18**

Answer saved

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2

🚩 Flag
question

What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)

    i += 1
```

Select one:

- ☐ a. error
- ☐ b. 1 2 3
- ☐ c. none of the mentioned
- ☒ d. 1 2

[Clear my choice](#)

Question **19**

Answer saved

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2

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question

Is Python case sensitive when dealing with identifiers?

Select one:

- ☐ a. machine dependent
- ☒ b. Yes
- ☐ c. none of the mentioned
- ☐ d. No

[Clear my choice](#)

Question **20**

Answer saved

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2

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question

Which of the following is an invalid variable?

Select one:

- ☐ a. foo
- ☒ b. 1st_string
- ☐ c. my_string_1
- ☐ d. _

[Clear my choice](#)

Question **21**

Answer saved

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2

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question

What is returned by `int(math.pow(3, 2))`?

Select one:

- ☒ a. 9
- ☐ b. error, third argument required
- ☐ c. error, too many arguments
- ☐ d. 6

[Clear my choice](#)

Question **22**

Answer saved

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question

```
x = 2
for i in range(x):
    x += 1
    print (x)
```

Select one:

- ☒ a. 3 4
- ☐ b. 0 1 2 3 4 ...
- ☐ c. 0 1 2 3
- ☐ d. 0 1

Question **23**

Not yet
answered

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2

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question

```
def f():  
    global z  
    print('z is: ', z)  
    z=50  
    print('new value of global z is: ', z)  
  
f()  
    print('Value of z is: ', z)
```

Select one:

☒ a. z is 100

new value of global z is: 50

value of z is 50

☐ b. z is 100

new value of global z is: 100

value of z is 100

☐ c. z is 100

new value of global z is: 100

value of z is 50

☐ d. z is 100

new value of global z is: 50

value of z is 100

Question **24**

Answer saved

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2

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question

What will be the value of X in the following Python expression?

```
X = 2+9*((3*12)-8)/10
```

Select one:

- ☐ a. 30.8
- ☐ b. 28.4
- ☒ c. 27.2
- ☐ d. 30.0

[Clear my choice](#)

What is the result of running the following python program?

```
1. def increment_items(L, increment):  
2.     i = 0  
3.     while i < len(L):  
4.         L[i] = L[i] + increment  
5.         i = i + 1  
6.  
7. values = [1, 2, 3]  
8. print(increment_items(values, 2))  
9. print(values)
```

Select one:

- ☐ a. None
[1, 2, 3]
- ☐ b. [3, 4, 5]
None
- ☒ c. None
[3, 4, 5]
- ☐ d. [3, 4, 5]
[1, 2, 3]

Question 1

Answer saved

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question

Is the following Python code correct?

```
>>> class A:
    def __init__(self,b):
        self.b=b
    def display(self):
        print(self.b)
>>> obj=A("Hello")
>>> del obj
```

Select one:

- ☐ True
- ☒ False

Question 2

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question

What is the answer to this expression, $22 \% 3$ is?

Select one:

- ☒ a. 1
- ☐ b. 7
- ☐ c. 5
- ☐ d. 0

[Clear my choice](#)

Question **3**

Answer saved

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question

```
for i in range(int(2.0)):
    print(i)
```

Select one:

- ☐ a. 0.0 1.0
- ☐ b. none of the mentioned
- ☐ c. error
- ☒ d. 0 1

[Clear my choice](#)

Question **4**

Answer saved

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question

What will be the output of the following Python code?

```
class change:
    def __init__(self, x, y, z):
        self.a = x + y + z
```

```
x = change(1,2,3)
y = getattr(x, 'a')
setattr(x, 'a', y+1)
print(x.a)
```

Select one:

- ☐ a. Error as one argument is required while creating the object
- ☒ b. Displays 0, which is the automatic default value
- ☐ c. Error as display function requires additional argument
- ☐ d. Runs normally, doesn't display anything

[Clear my choice](#)

Question **5**

Answer saved

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question

What does `math.sqrt(X, Y)` do?

Select one:

- ☐ a. calculate the Yth root of X
- ☐ b. calculate the Xth root of Y
- ☐ c. return a tuple with the square root of X and Y
- ☒ d. error

[Clear my choice](#)

Question **6**

Answer saved

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question

All keywords in Python are in _____

Select one:

- ☐ a. lower case
- ☐ b. UPPER CASE
- ☒ c. None of the mentioned
None of the mentioned
- ☐ d. Capitalized

[Clear my choice](#)

Question **7**

Answer saved

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2

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question

What is returned by `math.ceil(3.4)`?

Select one:

- ☐ a. 4.0
- ☒ b. 4
- ☐ c. 3.0
- ☐ d. 3

[Clear my choice](#)

Question 8

Answer saved

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2

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question

What will be the output of the following Python code?

```
class test:
    def __init__(self,a="Hello World"):
        self.a=a

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

Select one:

- ☐ a. Nothing is displayed.
- ☐ b. The program has an error display function doesn't have parameters.
- ☒ c. "Hello World" is displayed.
- ☐ d. The program has an error because constructor can't have default arguments.

[Clear my choice](#)

Question 9

Answer saved

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2

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question

What will be the value of the following Python expression?

`4+2**5//10`

Select one:

- ☐ a. 3
- ☐ b. 77
- ☐ c. 0
- ☒ d. 7

[Clear my choice](#)

Question 9

Answer saved

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question

What will be the value of the following Python expression?

`4+2**5//10`

Select one:

- ☐ a. 3
- ☐ b. 77
- ☐ c. 0
- ☒ d. 7

[Clear my choice](#)

Question 10

Answer saved

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2

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question

Mathematical operations can be performed on a string.

Select one:

- ☐ True
- ☒ False

Question 11

Answer saved

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2

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question

What are the methods which begin and end with two underscore characters called?

Select one:

- ☒ a. Special methods
- ☐ b. User-defined methods
- ☐ c. Additional methods
- ☐ d. In-built methods

[Clear my choice](#)

Question 12

Answer saved

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2

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question

What is the value returned by `math.floor(3.4)`?

Select one:

- ☒ a. 3
- ☐ b. 4.0
- ☐ c. 3.0
- ☐ d. 4

Question **13**

Answer saved

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question

What will be the output of the following Python code?

```
class Demo:
    def __init__(self):
        pass

    def test(self):
        print(__name__)
```

```
obj = Demo()
obj.test()
```

Select one:

- ☐ a. Demo
- ☐ b. test
- ☒ c. __main__
- ☐ d. Exception is thrown

[Clear my choice](#)

Question **14**

Answer saved

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question

_____ represents an entity in the real world with its identity and behaviour.

Select one:

- ☐ a. An operator
- ☒ b. An object
- ☐ c. A method
- ☐ d. A class

[Clear my choice](#)

Question **15**

Answer saved

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question

What will be the output of the following Python code?

```
x = ['ab', 'cd']  
for i in x:  
    i.upper()  
print(x)
```

Select one:

- ☐ a. none of the mentioned
- ☐ b. [None, None]
- ☒ c. ['ab', 'cd']
- ☐ d. ['AB', 'CD']

Question **16**

Answer saved

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question

What will be the output of the following Python code?

1. `list1 = [1, 2, 3, 4]`

2. `list2 = [5, 6, 7, 8]`

3.

4. `print(len(list1 + list2))`

Select one:

☒ a. 8

☐ b. 4

☐ c. 2

☐ d. 5

[Clear my choice](#)

Question 17

Answer saved

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question

1. def addItem(listParam):

2. listParam += [1]

3.

4. myList = [1, 2, 3, 4]

5. addItem(myList)

6. print(len(myList))

Select one:

☐ a. 1

☐ b. 4

☐ c. 8

☒ d. 5

[Clear my choice](#)