

PYTHON BASICS EVALUATION QUIZ

What is the output of the following code?

```
name,age = "Suresh",29

print(name,age,"is a "natural" swimmer")
```

Marked Answer :

Suresh 29 is a "natural" swimmer

Correct Answer :

Suresh 29 is a "natural" swimmer

MARKS OBTAINED ✓ 1      TOTAL MARKS : 1

What is the output of the following code?

```
a,b,c = 10,20,50

result = (a + b)//c

print("The result is {}".format(c))
```

Marked Answer :

The result is 0

Correct Answer :

The result is 50

MARKS OBTAINED ✗ 0      TOTAL MARKS : 1

What is the output of the following code?

```
a = 10

b = 20

c = a**2

d = b**2

result = d – c

result -= 100

print(result)
```

Marked Answer :

200

Correct Answer :

200

MARKS OBTAINED ✓ 1      TOTAL MARKS : 1

What is the output of the following code?

```
a = 10

b = 20

print(a>b)
```

Marked Answer :

False

Correct Answer :

False

MARKS OBTAINED ✓ 1      TOTAL MARKS : 1

What is the output of the following code?

```
a = 10

b = 10.0

print(a is not b)
```

Marked Answer :

True

Correct Answer :

True

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
a = [10]

b = {10,20}

print(a[0] in b)
```

Marked Answer :

True

Correct Answer :

True

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
a = 10

b = 20


print(a > 5 & b > 15)
```

Marked Answer :

False

Correct Answer :

False

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
a = 10

b = 20


print(a > 5 or b > 15)
```

Marked Answer :

True

Correct Answer :

True

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
a = [1,2,3,4,5]

b = [2,3,4,5,6]


print(a[-1],”and”,b[len(b)-1])
```

Marked Answer :

5 and 6

Correct Answer :

5 and 6

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
a = list(range(0,10,2))


print(a[::-1])
```

Marked Answer :

[8, 6, 4, 2, 0]

Correct Answer :

[8, 6, 4, 2, 0]

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
a = [[29, 'Rajesh'],[32, 'Ramesh'],[41, 'Dev']]

b = dict(a)


print(b.keys())
```

Marked Answer :

dict\_keys([29, 32, 41])

Correct Answer :

dict\_keys([29, 32, 41])

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following?

```
a = {1: "Rajesh",
2: "Ramesh",
3: "Dev"}

b = list(a)


print(b[0])
```

Marked Answer :

1

Correct Answer :

1

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
a = tuple(range(0,5))


print(a.index(4))
```

Marked Answer :

4

Correct Answer :

4

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
a = tuple(range(0,10,2))

a[4] = 6


print(a[4])
```

Marked Answer :

TypeError

Correct Answer :

TypeError

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

a = {1,1,2,2,3,3,4,4,5,5}


print(a)

Marked Answer :

{1,2,3,4,5}

Correct Answer :

{1,2,3,4,5}

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

a = {1,2,3,4,5}

a.add(6)


print(a)

Marked Answer :

{1,2,3,4,5,6}

Correct Answer :

{1,2,3,4,5,6}

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

A = 10

B = 20

if A > 5 & B > 15:

print(“One”)

elif A < 5 & B < 15:

print(“Two”)

else:


print(“None”)

Marked Answer :

None

Correct Answer :

None

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

A = 2

B = 10

if A > 0 and B%A==0:

print(“One”, end=“,”)

elif B > 5 and B%2 == 1:

print(“Two”, end=“ ”)

else:


pass

Marked Answer :

One

Correct Answer :

One

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

A = 2

B = 3


print('Greater') if A//B==0 else print("Equal") if A//B==1 else print("Smaller")

Marked Answer :

Greater

Correct Answer :

Greater

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

X = 10

if X >= 0:

if X == 0:

print('None')

elif X //2 == 1:

print('Two')

elif X\*\*2 ==100:

if X%2 == 0:

print("Three")

else:

print("Four")

else:

print("Five")

else:


print("Six")

Marked Answer :

Three

Correct Answer :

Three

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

a = list(range(0,3))

b = []

for x in a:

for j in range(len(a)-1, 0, -1):

b.append(a[j])

print(b)

Marked Answer :

[2, 1, 2, 1, 2, 1]

Correct Answer :

[2, 1, 2, 1, 2, 1]

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
i=5

while i>0:

for i in range(0,3):

if i > 1:

i = i – 2

print(i)

else:


i = i – 1
```

Marked Answer :

0

Correct Answer :

0

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following?

```
i = 9

while i > 5:

if i%2 == 0:

i = i**2

print(i)

else:

i = i**0.5


print(i)
```

Marked Answer :

3.0

Correct Answer :

3.0

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?

```
a = 0

b = 1

i = 1

while i < 5:

temp = a + b

a = b

b = temp

print(temp, end=“ ”)


i = i + 1
```

Marked Answer :

1 2 3 5

Correct Answer :

1 2 3 5

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?


```
def func(self):  
  
if self%2==0:  
  
return None  
  
func(10)
```

Marked Answer :

No Output

Correct Answer :

No Output

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?


```
def func(*self):  
  
for i in self:  
  
if i in list(range(0,100,10)):  
  
print("True", end=",")  
  
else:  
  
print("False")  
  
func(10,15)
```

Marked Answer :

True, False

Correct Answer :

True, False

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?

```
def func(**self):  
  
for i in self.values():  
  
if i%2 == 0 and i%3 == 0 in list(range(0,10)):i:  
  
print("True", end=" ")  
  
else:  
  
print("False", end=" ")  
  
func(first= 10, second= 20)
```

Marked Answer :

False False

Correct Answer :

False False

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?

```
y = lambda a,b: a//2 + b//2 - 2//a//b  
  
y(12,4)
```

Marked Answer :

8

Correct Answer :

8

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?

```
sample = [12,22,32,42,52]

x = map(lambda a: a//10, sample)


print(list(x))
```

Marked Answer :

[1,2,3,4,5]

Correct Answer :

[1,2,3,4,5]

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
def func(self):

if self % 2 == 1:

return False

else:

return True

sample= [12,24,23,3,5,2]

z = filter(func, sample)


print(list(z))
```

Marked Answer :

[12, 24, 2]

Correct Answer :

[12, 24, 2]

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
def func(x, y, z):

for i in x:

for j in y:

print(i, end='')

print(j, end='')

return None

a = [1,2,3]

b = [3]

c = [5,6,7]


func(a,b,c)
```

Marked Answer :

132333

Correct Answer :

132333

MARKS OBTAINED  1      TOTAL MARKS : 1



What is the output of the following code?

```
x = lambda x,y,z: x**y + z**x + y**x//z
```


```
x(1,1,3)
```

Marked Answer :

4

Correct Answer :

4

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?

```
class Myclass:
```

```
def __init__(self):
```

```
self.string = "Intellipaat"
```

```
self.number = 2022
```

```
obj = Myclass()
```


```
print(obj.number, obj.string)
```

Marked Answer :

2022 Intellipaat

Correct Answer :

2022 Intellipaat

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?

```
class Myclass:
```

```
def __init__(self):
```

```
self.string = "Conor"
```

```
self.number = 20
```

```
def view(self):
```

```
print(self.string[::-1], self.number//6)
```

```
obj = Myclass()
```


```
obj.view()
```

Marked Answer :

ronoC 3

Correct Answer :

ronoC 3

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?

```
class myClass:

def __init__(self, name, age):

self.name = name

self.age = age

def view(self):

print([self.name, self.age])

class myclass:

def __init__(self, name, age):

self.name = name

self.age = age

def view(self):

print([self.name, self.age])

obj1 = myClass(“Devon”, 29)

obj2 = myclass(“Levi”, 28)

print([obj1.name, obj2.age])
```

Marked Answer :

[‘Devon’, 28]

Correct Answer :

[‘Devon’, 28]

MARKS OBTAINED ✓ 1

TOTAL MARKS : 1

What is the output of the following code?

```
class Name:

def view(self):

self.name = “Rajesh”

class Age:

def view(self):

self.age = 29

class Profession:

def view(self):

self.profession = “Teacher”

obj1 = Name()

obj2 = Age()

obj3 = Profession()

print(obj1.view(), obj2.view(), obj1.view())
```

Marked Answer :

None None None

Correct Answer :

None None None

MARKS OBTAINED ✓ 1

TOTAL MARKS : 1

What is the output of the following code?

```
class Base:

def __init__(self):

self.name = "Ricky"

self.age = 23

class Derived(Base):

def __init__(self):

super().__init__()

self.profession = "Cricketer"

def view(self):

print(self.name, self.age, self.profession)

obj = Derived()


obj.view()
```

Marked Answer :

Ricky 23 Cricketer

Correct Answer :

Ricky 23 Cricketer

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
from abc import ABC, abstractmethod

class School(ABC):

def __init__(self):

self.name = "Levi"

self.age = 29

obj = School()


obj.name
```

Marked Answer :

'Levi'

Correct Answer :

'Levi'

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
class Poly:

def method(self, a, b):

return (a**b)

def method(self, a, b,c):

return (a*b*c)

obj = Poly()


obj.method(3,2)
```

Marked Answer :

TypeError

Correct Answer :

TypeError

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
class Parent:

def __init__(self):

self._name = “Levi”

self.__age = 29

class Child(Parent):

def __init__(self):

Parent.__init__(self)

self._name = “Devon”

def view(self):

return self._name
```

```
obj = Child()


obj.view()
```

Marked Answer :

‘Devon’

Correct Answer :

‘Devon’

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
class Parent:

def __init__(self):

self._name = “Levi”

self.__age = 29

class Child(Parent):

def __init__(self):

Parent.__init__(self)

self._name = “Devon”

self.__age = 28

def view(self):

return self.__age
```

```
obj = Child()


obj.view()
```

Marked Answer :

28

Correct Answer :

28

MARKS OBTAINED  1      TOTAL MARKS : 1

What is the output of the following code?

```
class Parent:

def __init__(self):

self._name = "Rajesh"

self.__age = 29

class Child(Parent):

def __init__(self):

Parent.__init__(self)

self._name = "Ramesh"

def view(self):

return self.__age

obj = Child()


obj.view()
```

Marked Answer :

AttributeError

Correct Answer :

AttributeError

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?

```
class Poly:

def __init__(self):

self.name = 'Rajesh'

self.age = 29

def view(self):

return None

class Child(Poly):

def __init__(self):

Poly.__init__(self)

def view(self):

self.prof = "Student"

super().view()

return None

obj = Poly()


obj.view()
```

Marked Answer :

No Output

Correct Answer :

No Output

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?

```
class Poly:

def __init__(self):

self.name = 'Devon'

self.age = 29

def view(self):

print(self.name)

class Child(Poly):

def __init__(self):

Poly.__init__(self)

def view(self):

self.prof = "Levi"


super().view()

return None

obj = Child()

obj.view()
```

Marked Answer :  
Devon  
Correct Answer :  
Devon

MARKS OBTAINED  1

TOTAL MARKS : 1

What is the output of the following code?

```
from multipledispatch import dispatch

class Poly:

(int, int)

def method(self, a, b):

return (a**b)

(int, int, int)


def method(self, a, b,c):

return (a*b*c)

obj = Poly()

obj.method(4,2)
```

Marked Answer :  
16  
Correct Answer :  
16

MARKS OBTAINED  1

TOTAL MARKS : 1

Total Marks

44 / 45