**GETTING STARTED**

Which among them is used to create an object?

[A – A class](javascript:void(0);)

[B – A function](javascript:void(0);)

[C – A method](javascript:void(0);)

D – A constructor

**OPERATORS**

What type of operators is ‘+’?

A – Arithmetic

B – Identity

C – Comparison

D – Logical

What is the output for: print(10 + 5) ?

A – 105

B – 15

C – 50

D – None of the above

What is the output for: print(5 == 7) ?

A – True

B – 12

C – False

D – None of the above

Given x = 7, what is the output for: print(x < 5 or x > 6) ?

A – True

B – False

C – null

D – None of the above

How to write reverse form of a given clause A?

A – !A

B – not(A)

C – A’

D – None of the above

**VARIABLES**

How to declare an integer variable?

A – var x = 5

B – int x = 5

C – Integer x = 5

D – x = 5

How to declare a string variable?

A – x = “Hello World”

B – String x = “Hello World”

C – x = ‘Hello World’

D – A and C

Which of the following variable names is invalid?

A – variable\_of\_something

B – VARIABLE\_OF\_SOMETHING

C – 99variable

D – \_variable\_

Given x, y = “Python”, “Java”, what is the output for: print(x + y) ?

A – PythonJava

B – Python Java

C – It will return an error

D – None of the above

Given x = 5, y = “Ten”, what is the output for: print(x + y) ?

A – 5Ten

B – 15

C – null

D – It will return an error

**COLLECTIONS**

Which collection types are “ordered”?

A – List & Set

B – Tuple & Set

C – List & Tuple

D – Set & Dictionary

Which collection type is “unchangeable”?

A – List

B – Tuple

C – Set

D – Dictionary

Which collection below is a dictionary?

A – (1, 2, 3, 4)

B – {1, 2, 3, 4}

C – {‘one’: 1, ‘two’: 2, ‘three’: 3, ‘four’: 4}

D – [1, 2, 3, 4]

Given a list: car = [‘BMW’, ‘Lamborghini’, ‘Bugatti’, ‘Mercedes’], what is the output for: print(car[3]) ?

A – BMW

B – Lamborghini

C – Bugatti

D – Mercedes

Given a tuple: tuple = (‘zero’, ‘one’, ‘two’). What happens when we write: tuple[1] = “three”, and then: print(tuple) ?

A – Output: (‘zero’, ‘one’, ‘two’)

B – Output: (‘zero’, ‘three’, ‘two’)

C – Output: (‘three’, ‘one’, ‘two’)

D – It will return an error

**LOOPS**

Given this fragment of code:

i = 1, sum = 0

while i < 3:

sum += i

i++

print(i)

What is the output?

A – 3

B – 6

C – 9

D – 0

Given this fragment of code:

for x in ‘NUS’:

print(x)

The second output line is:

A – N

B – U

C – S

D – It will return an error