**OCEAN ACADEMY – (A COMPLETE SOFTWARE TRAINING**

**DIVISION)**

**PYTHON – OBJECTIVE TYPE (20 QUESTION - DURATION 1 HOUR)**

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**COLLEGE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**COURSE TIMING: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ DATE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**FOR EVALUATOR USE ONLY**

**TOTAL CORRECT ANSWERS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ EVALUATION MARKS: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**REMARKS OR IMPRESSION: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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**QUESTIONS:**

**1** - What is the output of the following program :

|  |
| --- |
| y = 8  z = lambda x : x \* y  print(z(6)) |

[**A** - 48](about:blank)

[**B** - B](about:blank)

[**C** - a](about:blank)

[**C** - E](about:blank)rror

**2** - What is called when a function is defined inside a class?

[**A** - Module](about:blank)

[**B** - Class](about:blank)

[**C** - Another Function](about:blank)

[**D** - Method](about:blank)

**3** - Suppose list1 is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after list1.pop(1)?

[**A** - [3, 4, 5, 20, 5, 25, 1, 3]](about:blank)

[**B** - [1, 3, 3, 4, 5, 5, 20, 25]](about:blank)

[**C** - [3, 5, 20, 5, 25, 1, 3]](about:blank)

[**D** - [1, 3, 4, 5, 20, 5, 25]](about:blank)

**4** - Which one of these is floor division?

[**A** - /](about:blank)

[**B** - //](about:blank)

[**C** - %](about:blank)

[**D** - None of the above.](about:blank)

**5** - What is answer of this expression, 22 % 3 is?

[**A** - 7](about:blank)

[**B** - 1](about:blank)

[**C** - 0](about:blank)

[**D** - 5](about:blank)

**6** - What is the output of the following?

x = ['ab', 'cd']

for i in x:

i.upper()

print(x)

[**A** - [‘ab’, ‘cd’].](about:blank)

[**B** - [‘AB’, ‘CD’].](about:blank)

[**C** - [None, None].](about:blank)

[**D** - None of the above.](about:blank)

**7** - What is the output of the following?

i = 1

while True:

if i%3 == 0:

break

print(i)

i + =1

[**A** – 1](about:blank) 2

[**B** – 1](about:blank) 2 3

[**C** - Error](about:blank)

[**D** - None of the above.](about:blank)

**8** - What is the output of the following?

i = 1

while True:

if i%2 == 0:

break

print(i)

i += 2

[**A** - 1](about:blank)

[**B** - 1](about:blank) 2

[**C** - 1 2 3 4 5 6 …](about:blank)

[**D** - 1 3 5 7 9 11 …](about:blank)

**9** - What is the output when following statement is executed ?

>>>"abcd"[2:]

[**A**  - a](about:blank)

[**B**  - ab](about:blank)

[**C**  - cd](about:blank)

[**D** - dc](about:blank)

**10** - What arithmetic operators cannot be used with strings ?

**A -** +

**B -** \*

**C -** –

**D -** All of the above

**11** - Which of the following is a Python tuple?

**A -** [1, 2, 3].

**B -** (1, 2, 3)

**C -** {1, 2, 3}

**D -** {}

**12-** 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))

**13-** What will be the output?

d = {"john":40, "peter":45}

d["john"]

**A -** 40

**B -** 45

**C -** “john”

**D -** “peter”

**14 -**  Python supports the creation of anonymous functions at runtime, using a construct called \_\_\_\_\_\_\_\_\_\_

**A -** Lambda

**B -** pi

**C -** anonymous

**D -** None of the mentioned

**15 -** Lambda is a keyword.

**A -** True

**B -** False

**16 -** Lambda contains block of statements

**A -** True

**B -** False

**17 -** The output of the code shown below is:

def f1():

x=15

print(x)

x=12

f1()

**A -** Error

**B -** 12

**C -** 15

**D -** 1512

**18 -** To open a file c:\scores.txt for reading, we use

**A -** infile = fopen(“c:\scores.txt”, “r”)

**B -** infile = open(“c:\\scores.txt”, “r”)

**C -** infile = open(file = “c:\scores.txt”, “r”)

**D -** infile = fopen(file = “c:\\scores.txt”, “r”)

**19**. How many except statements can a try-except block have?

**A -** zero

**B -** one

**C -** more than one

**D -** more than zero

**20 -** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the output of the following code?

def foo():

try:

print(1)

finally:

print(2)

foo()

**A**-1

**B**-Error

**C**-No Output  
**D**-12