

1 What will be the output of the following code snippet?

```
def func(a, b):
```

```
    return b if a == 0 else func(b % a,a)
```

```
print(func(30,75))
```

Answer: C) 15

2

```
numbers = (4, 7, 19, 2, 89, 45, 72, 22)
```

```
sorted_numbers = sorted(numbers)
```

```
even = lambda a: a % 2 == 0
```

```
even_numbers = filter(even, sorted_numbers)
```

```
print(type(even_numbers))
```

Answer : B) <class 'filter'>

3.

As what datatype are the \*args stored, when passed into

Answer: a) Tuple

4.

```
set1 = {14, 3, 55}
```

```
set2 = {82, 49, 62}
```

```
set3={99,22,17}
```

```
print(len(set1 + set2 + set3))
```

Answer : d) Error

5. What keyword is used in Python to raise exceptions?

Answer : a ) raise

6.Which of the following modules need to be imported to handle date time computations in Python

Answer : C ) datetime

7) What will be the output of the following code snippet?

```
print(4**3 + (7 + 5)**(1 + 1))
```

Answer: 208

8)Which of the following functions converts date to corresponding time in Python?

Answer : None

9)The python tuple is \_\_\_\_\_ in nature.

Answer: immutable

10)The \_\_\_\_ is a built-in function that returns a range object that consists series of integer numbers, which we can iterate using a for loop.

Answer: range ()

11)Amongst which of the following is a function which does not have any name?

Answer : Lambda function

12)The module Pickle is used to \_\_\_\_.

Answer: Both A and B

13)Amongst which of the following is / are the method of convert Python objects for writing data in a binary file?

Answer: dump() method

14)Amongst which of the following is / are the method used to unpickling data from a binary file?

Answer: load()

15)A text file contains only textual information consisting of \_\_\_\_.

Answer: All of the mentioned above

16 )Which Python code could replace the ellipsis (...) below to get the following output? (Select all that

apply.)

```
captains = { "Enterprise": "Picard", "Voyager": "Janeway", "Defiant": "Sisko",  
}
```

Answer: b) for ship in captains: print(ship, captains[ship])

