3.As what datatype are the *args stored, when passed into
 a> Tuple

4.
 set1 = {14, 3, 55}
set2 = {82, 49, 62}
set3={99,22,17}
print(len(set1 + set2 + set3))

d> Error

5. What keyword is used in Python to raise exceptions
a> raise

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

7. What will be the output of the following code snippet?
print(43 + (7 + 5)**(1 + 1))**

a>208

8. Which of the following functions converts date to corresponding time in Python?
a>Striptime

9. The python tuple is _____ in nature
b>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.
a>range

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

c>lamda Function

12. The module Pickle is used to ___.
c> A& B both

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

b.dump()method

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

a>load()

15. A text file contains only textual information consisting of ___.
a>Alphabets

17. Which of the following lines of code will create an empty dictionary named captains?
d>

captains = {}

18. Now you have your empty dictionary named captains. It's time to add some data!
Specifically, you want to add the key-value pairs "Enterprise": "Picard", "Voyager": "Janeway", and "Defiant": "Sisko".
Which of the following code snippets will successfully add these key-value pairs to the existing captains dictionary?

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

19. You're really building out the Federation Starfleet now! Here's what you have:
```
captains = {
"Enterprise": "Picard",
"Voyager": "Janeway",
"Defiant": "Sisko",
"Discovery": "unknown",
}
```
Now, say you want to display the ship and captain names contained in the dictionary, but you also want to provide some additional context. How could you do it?

b>

```
for ship, captain in captains.items():
        print(f"The {ship} is captained by {captain}.")
```

20. You've created a dictionary, added data, checked for the existence of keys, and iterated over it with a for loop. Now you're ready to delete a key from this dictionary:
```
captains = {
"Enterprise": "Picard",
"Voyager": "Janeway",
"Defiant": "Sisko",
"Discovery": "unknown",
}
```

c) del captains["Discovery"]

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",
}
Enterprise Picard,
Voyager Janeway
```

Defiant Sisko

d> both a and b

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))

b> Filter

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))

c>15