Q1What 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))
```

Ans . C

```
Q2 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))
```

Ans B

Q3) As what datatype are the *args stored, when passed into

Ans A


```
Q4) ) set1 = {14, 3, 55}
set2 = {82, 49, 62}
set3={99,22,17}
print(len(set1 + set2 + set3))
```

Ans D

Q5) What keyword is used in Python to raise exceptions?

Ans. A

Q6) Which of the following modules need to be imported to handle date time computations in Python?

Ans C

Q7) What will be the output of the following code snippet?
Ans C

Q8) Which of the following functions converts date to corresponding time in Python?

Ans D

Q9) The python tuple is _____ in nature.

Ans B

Q10) 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

Ans A

Q11) Amongst which of the following is a function which does not have any name?

Ans C

Q12) The module Pickle is used to ____.

Ans C

Q13) Amongst which of the following is / are the method of convert Python objects for writing data in a binary file?

Ans B

Q14) Amongst which of the following is / are the method used to unpickling data from a binary file?

Ans A

Q15) A text file contains only textual information consisting of ____.

Ans D

Q16) Which Python code could replace the ellipsis (...) below to get the following output? (Select all that apply.)

Ans D

Q17) Which of the following lines of code will create an empty dictionary named captains?

Ans D

Q18)) Now you have your empty dictionary named captains. It's time to add some data!

Ans) B

Q19) You're really building out the Federation Starfleet now! Here's what you have:

Ans B

Q20) 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:

Ans C