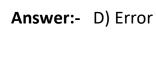
1. What will be the output of the following code snippet?

```
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) 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))
```



5. What keyword is used in python to raise exception?

Answer:- A) raise

6. Which of the following modules need to be imported to handle data 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:-** C) 208

8. Which of the following functions converts date to corresponding time in python?

Answer:- A) strptime

9. The python tuple is \_\_\_\_\_in nature.

**Answer:-** 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.

Answer:- A)range()

11. Amongst which of the following is a function which does not have any name?
Answer:- C) Lambda function
12. The module Pickle is used to
Answer:- C) Both A and B
Serializing and De-serializing python object structure.
13. Amongst which of the following is/are the method of convert python objects for writing data in a binary file?
Answer:- B) dump()method
14. Amongst which of the following is/are the method used to unpickling data from a binary file?
Answer:- A) load()
15. A text file contains only textual information consisting of
Answer:- D) All of the mentioned above
16. Which python code could replace the ellipsis() below to get the following output?(Select all that apply.)
Captions={

```
"Enterprises": "Picards",
"Voyager": "Janeway",
"Defiant": "Sisko",
}

Enterprises Picards,
Voyager Janeway
Defiant Sisko
```

Answer:- D) Both A and B

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

**Answer:-** captains={}

18. Now you have empty dictionary named captains. Its's time to add some data!

```
Specifically, you want to add the key-value pairs "Enterprises": "Picards", "Voyager": "Janeway", and "Defiant": "Sisko".
```

Which of the following code snippets will successfully add these key value pairs to the existing captains dictionary?

```
Answer:- C) captains={
    "Enterprises": "Picards",
    "Voyager": "Janeway",
    "Defiant": "Sisko",
}
```

19. You are really building out the Federation Starfleet now! Here's what you have:

```
Captains ={
     "Enterprises": "Picards",
     "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?

```
Answer:- 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 keyfrom this dictionary:

## Captains={

```
"Enterprises": "Picards",

"Voyager": "Janeway",

"Defiant": "Sisko",

"Discovery": "unknown",
```

}

What statement will remove the entry for the key "Discovery"?

**Answer:-** C) del captains["Discovery"]