

## Mcq ANSWER

```
1.def func(a, b):  
    return b if a == 0 else func(b % a, a)  
print(func(30, 75))
```

Answer=Option 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=Option b=Filter

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

Answer=Option a=Tuple

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

Answer=Option d = Error

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

Answer=Option a =Raise

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

Answer=Option c =Datetime

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

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

Answer =Option c =208

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

Answer=Option a = strftime

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

Answer=Option 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=Option a =range()

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

Answer=Option c = Lambda Function

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

Answer=Option c= 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**= Option **b**= dump()method

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

**Answer** =Option **A** =load()

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

**Answer** = Option **d** = 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** = Option **b** = for ship in captains:

```
    print(ship, captains[ship])
```

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

**Answer** = Option **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?

```
Answer = Option 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"}
```

```
Answer=Option = 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",  
}
```

```
Answer= Option c= del captains["Discovery"]
```