

## Answers of MCQs

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

**Ans:- d) 0**

2) `numbers =(4,7,19,2,89,45,72,22)  
sorted_number =sorted(numbers)  
even = lambda a: a%2==0  
even_numbers = filter(even,sorted_numbers))  
print(type(even_numbers))`

**Ans:- c) List**

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

**Ans:- a) Tuple**

4)`set1 = {14,3,55}  
Set2 = {82,49,62}  
Set3 = {99,22,17}  
Print(len(set1+set2+set3))`

**Ans:- d) Error**

5) What keyword is used in python to raise exceptions ?

**Ans:- a) raise**

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

**Ans:- c) datetime**

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

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

**Ans:- c) 208**

8)Which of the following functions convert date to corresponding time in python ?

**Ans:- a) strptime**

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

**Ans:- b) immutable**

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

**Ans:- A) range()**

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

**Ans:- c) Lambda function**

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

**Ans:- C) Both A and B**

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

**Ans:- B) dump() method**

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

**Ans:- a) load()**

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

**Ans:- 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" ,}
```

Enterprise picard,

Voyager Janeway

Defiant Sisko

**Ans:- d) both A and B**

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

**Ans:- c) captains = {}**

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

Specially, you want to add the key-value pairs "Enterprise" : "picard" , "Voyager" : "Janeway",  
"Defiant" : " Sisko" .

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

**Ans:- b) captains["Enterprise"] : "picard"**

**captains["Voyager"] : "Janeway"**

**captains["Defiant"] : " Sisko"**

19) Now, say you want to display the ship and captains names contained in the dictionary, but you also want to provide some additional context. How could you do it ?

**Ans:- d) All are correct**

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",}
```

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

**Ans:- captains.remove()**