

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:- 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:-Int

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

Answer:- Tuple

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

Answer :- Error

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

Answer:- Raise

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

Answer :- time

7) What will be the output of the following code snippet? print(4**3 + (7 + 5)**(1 + 1))

Answer:- 208

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

Answer strptime

9) The python tuple is _____ in nature.

Answer :- immutable //unchangeable

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:- . range()

11) Amongst which of the following is a function which does not have any name? A. Del function B. Show function C. Lambda function D. None of the mentioned above

Answer:- Lambda Function

12 The module Pickle is used to ____.

Answer:-. C. Both A and B

Serializing & De-serializing both 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? A.
Answer :- load()

15 A text file contains only textual information consisting of ____.

Answer :- D All = Alphabets, numbers, special symbols

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 C both A & B

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

Answer:- 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 :- d) None of the above , need to use “ Update “method

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?

Answer :- 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"?

Answer c) del captains["Discovery"]