

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

Ans: 15.

2) numbers = (4, 7, 19, 2, 89, 45, 72, 22)

Ans: Tuple

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

Ans: Tuple

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

Ans: Error

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

Ans: raise, try, except

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

Ans: a) time b) date c) datetime d) time

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

Ans: 208

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

Ans: c) both a) and b)

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

Ans: 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.

Ans: range()

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

Ans: Lambda function

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

Ans: 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?

Ans: dump()

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

Ans: load()

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

Ans: 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: both A and B

17) Which of the following lines of code will create an empty dictionary named `captains`?  
Ans: `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?  
Ans: b) `captains["Enterprise"] = "Picard"` `captains["Voyager"] = "Janeway"`  
`captains["Defiant"] = "Sisko"`

19 ) You're really building out the Federation Starfleet now! Here's what you have:  
Ans: b) for ship, captain in `captains.items()`: `print(f"The {ship} is captained by {captain}.")`

19) 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", }`  
Ans: c) `del captains["Discovery"]`