

ASSIGNMENT NO 1.

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

Ans: 4

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

Ans: 2

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: 3

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

Ans: Raise

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

Ans: Datetime

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

Ans: 2

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

Ans: Strptime

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: Serializing Python object structure 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?

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 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: 3

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

Ans: captains.dict()

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: 1

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?

Ans: 2

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 = {
```

Ans:3