***Project 1***

1. What will be the out put of the following code snippet?

Def func(a,b):

Return b if a==0 else func(b%a,a)

Print(func(30,70)

Ans: 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,sroted\_numbers)

Print(type(even\_numbers))

Ans: b) filter

3. As what datatype are the\*args stored,when pssed 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 he out put of the following code snippet?

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

Ans: c) 208

8. Which of the following functions convertsdare to corresponding

Time in python?

Ans: b) strftime

9. The python tupple is \_\_\_\_in nature.

Ans: b) immutable

10. The\_\_\_ is abuilt-in function that returns a range object that

Cconsist series of integer numbers, which we can iterate using a

For loop.

Ans: a) range()

11. Amongst 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) serializing python object structure and de-serializing python

Object structure

13. Amongst which of the following is/are the method of convert

Python object for writing data in a binary file?

Ans: c) Load() method

14. Among the which of the following si/are the method used to un

Plucking data form binary file?

Ans: b) dump() method

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

Ans: d) 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”,

“defiant”:”Sisko”,}

Enterprise picard,

Voyager Janeway

Defiant Sisko

Ans: d) both a and b

17. Which of the following lines of code will create an empty dictionary

named captains?

Ans: 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?

Ans: c) captains = {“Enterprise”:”picard”,

“voyager”:Janeway”,

“defiant”:”Sisko”,}

19. you are really building out of the federation Starfleet now! Here’s

what you have: captains = {

“Eterprise”:”picard”,

“Voyager”:”Janeway”,

“Defiant”:”Sisko”,

“Discovery”:”unknown”,

} now, say you want to diplay the ship and captain names

Contained in the dictionary, but you also want to provide some

Additional context. How could you do it?

Ans: b) for ship, captain in captains. Iteams(): print(f”the{ship} is

Captained by {captain}.’)

20. you’ve created a dictionary, added date, checked for the existence

Of keys, and iterated over it with a for loop. Now you’re redy to

Delete a key from this dictionary:

“Enterprise”:”picard’,

“voyager”:”Janeway”,

“discovery”:”unknown”,

}

What statement will remove the entry for the key “Discovery”?

Ans: c) Del captains[“discovery”]