

# *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 the output of the following code snippet?

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

Ans: c) 208

8. Which of the following functions converts date to corresponding Time in python?

Ans: b) strftime

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

Ans: b) immutable

10. The \_\_\_\_ is a built-in function that returns a range object that consists of a 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. Items(): 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 ready 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"]`