**Q1)** 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))

**Ans:- 15**

**Q2)** numbers= (4,7,19,2,89,45,72,22)

Sorted\_numbers= sorted(numbers)……

**ANS:** **Filter**

**Q3)** As what datatype are the \*args sorted, when passed into

**ANS: Tuple**

**Q4)** set1={14,3,55}

Set2={82,49,962}

Set3={99,22,17}…..

**ANS: Error**

**Q5)** What keyword is used in Python to raise exceptions?

**ANS: Raise**

**Q6)** Which of the following modules need to be imported to handle date time computations in Python?

**ANS:** **datetime**

**Q7)** What will be the output of the following code snippet?

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

**ANS: 208**

**Q8)** Which of the following functions converts date to corresponding time in Python?

**ANS: strptime**

**Q9)** The python tuple is …..in nature.

**ANS: Immutable**

**Q10)** 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: rang**

**Q11)** Amongst which of the following is a function which does not have any name?

**ANS: Show function**

**Q12)** The module Pickle is used to…

**ANS: BOTH A & B (Serializing & De-serializing Python object structure)**

**Q13)** Amongst which of the following is /are the method of convert Python objects for writing data in a binary file?

**ANS: dump() method**

**Q14)** Amongst which of the following is /are the method used to unpickling data from a binary file?

**ANS: load()**

**Q15)** A text file contains only textual information consisting of…

**ANS: All of the mentioned above (Alphabet, Numbers, Special symbols)**

**Q16)** Which Python code could replace the ellipsis(..) below to get the following output?.....

**ANS: both a & b**

**Q17)** Which of the following lines of code will create an empty dictionary named captains?

**ANS: captains=={}**

**Q18)**  Now you have your empty dictionary named captains. It’s time to add some data!....

**ANS: captains={**

**“Enterprise”: ”Picard”,**

**“Voyager”: “Janeway”,**

**“Defiant”: “Sisko”,**

**}**

**Q19)** You’re really building out the Federation Starfleet now! Here”s what you have: …….

**ANS: for ship, captain in captains.items():**

**Print(f”The {ship} is captained by {captain}.”)**

**Q20)** 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 akey from this dictionary: ……..

**ANS: del captains[“Discovery”]**