

File 1

Q1-def func(a, b): return b if a == 0 else func(b % a, a) print(func(30, 75))

Answer- c) 15

Q2-

Answer-b) filter

Q3-

Answer-a) Tuple

Q4-

Answer-d) Error

Q5-What keyword is used in Python to raise exceptions?

Answer-a) raise

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

Answer-c) datetime

Q7-What will be the output of the following code snippet?

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

Answer- c)208

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

Answer-a)strptime

Q9-The python tuple is _____ in nature

Answer-b)immutable & c)unchangeable

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.

Answer-range()

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

Answer-C. Lambda function

Q12-The module Pickle is used to ____.

Answer-a)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?

Answer-B. dump() method

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

Answer-A. load()

Q15-A text file contains only textual information consisting of ____.

Answer-D. All of the mentioned above

Q16-

Answer-d) both a and b

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

Answer-d) captains = {}

Q18-

Answer-a & b

Q19-

Answer-b)

Q20-

Answer-c) del captains["Discovery"]