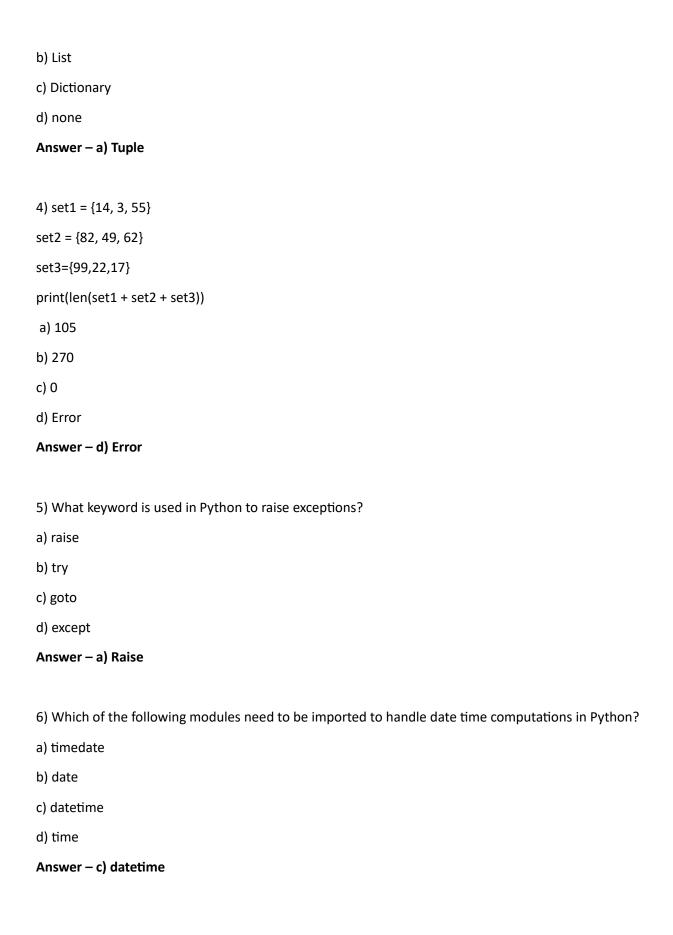
MCQ

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Batch - DS2306

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1 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))
a) 10
b) 20
c) 15
d) 0
Answer – 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, sorted_numbers)
print(type(even_numbers))
a) Int
b) Filter
c) List
d) Tuple
Answer - b) Filter
3) As what datatype are the *args stored, when passed into
a) Tuple
```



7) What will be the output of the following code snippet?
print(4**3 + (7 + 5)**(1 + 1))
a) 248
b) 169
c) 208
d) 233
Answer – c) 208
8) Which of the following functions converts date to corresponding time in Python?
a) strptime
b) strftime
c) both a) and b)
d) None
Answer – a) strptime
9) The python tuple is in nature.
a) mutable
b)immutable
c)unchangeable
d) none
Answer – c) Unchangeable
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.
A. range()
B. set()
C. dictionary{}
D. None of the mentioned above
Answer – A) range()

Question 11 Amongst which of the following is a function which does not have any name? A Del function B Show function C. Lambda function D. None of the mentioned above Answer – C) Lambda function
Question 12 The module Pickle is used to
A. Serializing Python object structure
B. De-serializing Python object structure
C. Both A and B
D. None of the mentioned above
Answer – C) Both A and B
Question 13 Amongst which of the following is / are the method of convert Python objects for writing data in a binary file? A. set() method B. dump() method
C. load() method D. None of the mentioned above
Answer – dump() method & load() method
14 Amongst which of the following is / are the method used to unpickling data from a binary file?
A. load()
B. set() method
C. dump() method
D. None of the mentioned above
Answer – A) load()

b) captains["Enterprise"] = "Picard" captains["Voyager"] = "Janeway" captains["Defiant"] = "Sisko" c) captains = { "Enterprise": "Picard", "Voyager": "Janeway", "Defiant": "Sisko", } d) None of the above Answer - b) captains["Enterprise"]= "Picard Captains["Voyager"]= "Janeway" Captains["Defiant"]="Sisko" 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? a) for item in captains.items(): print(f"The [ship] is captained by [captain].") b) for ship, captain in captains.items(): print(f"The {ship} is captained by {captain}.") c) for captain, ship in captains.items(): print(f"The {ship} is captained by {captain}.") d) All are correct Answer – b) for ship, captain in captains.items(): Print(f"The {ship}is captained by {captain}.") 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 = { "Enterprise": "Picard", "Voyager": "Janeway", "Defiant": "Sisko", "Discovery": "unknown", } What statement will remove the entry for the key "Discovery"? a) del captains b) captains.remove() c) del captains["Discovery"] d) captains["Discovery"].pop()

Answer – c) del captains["Discovery"]