Pritam Saha (Batch Name: DS2307) MCQ Answers 1

1. def func(a, b):

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

print(func(30,75))

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, sorted_numbers)

print(type(even_numbers))

Ans: B. Filter

3. As what datatype are the *args stored, when passed 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: A. strptime

9. The python tuple is _____ in nature.

Ans: B. immutable

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.

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. Both A and B

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

Ans: B. dump() method

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

Ans: A. load()

15. A text file contains only textual information consisting of ___.

Ans: D. All of the mentioned above

16. Which Python code could replace the ellipsis (...) below to get the following output? (Select all that apply.) captains = { "Enterprise": "Picard", "Voyager": "Janeway", "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'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?

Ans: 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"?

Ans: C. del captains["Discovery"]