MCQ Answers

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))

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))

Answer – d) Tuple

3) As what datatype are the *args stored, when passed into

Answer – a) Tuple

4) set1 = {14, 3, 55} set2 = {82, 49, 62} set3={99,22,17} print(len(set1 + set2 + set3))

Answer – c) 0

5) What keyword is used in Python to raise exceptions?

Answer – a) raise

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

Answer - c) datetime

7) What will be the output of the following code snippet? print(4**3 + (7 + 5)**(1 + 1))

Answer - c) 208

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

Answer - b) strftime

9) The python tuple is _____ in nature.

Answer - 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.

Answer - A. range()

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

Answer - C. Lambda function

12) The module Pickle is used to ____.

Answer - 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?

Answer - B. dump() method

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

Answer - A. load()

15) A text file contains only textual information consisting of ____.

Answer - 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

Answer - d) both a and b

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

Answer - a) captains = {dict}

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?

Answer - d) None of the above

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?

Answer - d) All are correct

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"?

Answer - c) del captains["Discovery"]

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