# MCQ_ASSIGNMENT_VIKRAM

QUES 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.

QUES 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. B) b) Filter.

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

Answer. A) Tuple.

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

ANSWER. D) Error.

QUES 5. What keyword is used in Python to raise exceptions?

Answer.  A) raise.

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

Answer. C) datetime

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

Answer. C) 208.

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

Answer. A) strptime.

QUES 9. The python tuple is _____ in nature.

Answer. B) immutable.

QUES 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().

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

Answer. C. Lambda function.

QUES 12.  The module Pickle is used to ___.

Answer. C. Both A and B.

QUES 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.

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

Answer.  A. load().

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

Answer.  D. All of the mentioned above.

QUES 16. 16 Which Python code could replace the ellipsis (...) below to get the following output? (Select all that apply.)

Answer.  D) Both a and b.

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

Answer.  D) captains = {}.

QUES 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.

QUES 19. You're really building out the Federation Starfleet now! Here's what you have:

Answer. D) All are correct.

QUES 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:

Answer.  C) del captains["Discovery"].