1. What will be the output of the following code snippet?

   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) date time

7. What will be the output of the following code snippet?

   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 name 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   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"]