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

Answer: a) 15

2. What is the type of `even_numbers`?

Answer: b) Filter

3. As what datatype are the *args stored, when passed into a function?

Answer: a) Tuple

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

Answer: d) Error

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?

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 to 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 unpickle 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?

Answer: d) both a and b

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

Answer: d) captains = {}

18. Which of the following code snippets will successfully add key-value pairs to the captains dictionary?

Answer: b) captains["Enterprise"] = "Picard"

captains["Voyager"] = "Janeway"

captains["Defiant"] = "Sisko"

19. How could you display the ship and captain names contained in the dictionary with additional context?

Answer: b) for ship, captain in captains.items():

print(f"The {ship} is captained by {captain}.")

20. What statement will remove the entry for the key "Discovery"?

Answer: c) del captains["Discovery"]