

PFA_FILE_1 MCQ

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))
```

ANS :- 15.

2. numbers = (4,7,19,89,45,72,22) sorted_numbers =
sorted(numbers)
even = lambda a: a % 2 == 0
even_numbers = filter(even,
sorted_numbers)
print(type(even_numbers))

ANS :- filter.

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

ANS :- Tuple.

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

ANS :- Error.

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

ANS :- raise.

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

ANS :- datetime.

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

```
print(4**3 + (7 + 5)**(1 + 1))
```

ANS :- 208.

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

ANS :- strptime.

- 9. The python tuple is ____ in nature ?**

ANS :- 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 :- range().

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

ANS :- None of the mentioned above.

- 12. The module Pickle is used to ____?**

ANS :- 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 :- dump() method.

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

ANS :- load().

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

ANS :- All of the mentioned above.

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

ANS :- both a and b.

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

ANS :- 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 :- 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 :- for captain, ship 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 ?

ANS :- del captains["Discovery"].