

Answers

1. It is working on the basis of Euclidean Algorithm:

The correct answer is 15.

2. Filter function has been used which sorts out the even numbers.

3. Tuple

4. I will get an error because in Python I cannot use + operator hence the correct answer to this question is:

Error

5. Raise

6. Datetime

7. $4^{**}3=4*4*4=64$

$(7+5)=12$

$(1+1)=2$

$(7+5)(1+1)=122$

So adding this first and second $64+122=208$

8. Strptime

9. Immutable

10. Range

11. Lambda Function

12. A. Serializing Python object structure B. De-serializing Python object structure

Hence the answer would be both A&B.

13. Dump()method

14. Load()

15. All of the given options: Alphabets, Numbers, Special Symbols

16. a) for ship, captain in captains.items(): print(ship, captain) b) for ship in captains: print(ship, captains[ship])

Hence the answer would be both A&B.

17. Captains = {}

18. b) captains["Enterprise"] = "Picard" captains["Voyager"] = "Janeway"
captains["Defiant"] = "Sisko"

19. b) for ship, captain in captains.items(): print(f"The {ship} is captained by {captain}.")

20. del captains["Discovery"]