

# Python Online Test

## 1. PYTHON FUNDAMENTALS & DATA TYPES

1. B. [1, 2, 3, 4]

2. D.

3. False (no intervening in lists)

4. C. {2, 3}

5. B. is checks identity; == checks value

6. A. [[1], []]

7. A. Raises an exception

8. OOP (ADVANCED)

B.

9. C. combination of inheritance and composition

10. B. ( $D \rightarrow C \rightarrow B \rightarrow A$ ) is best suited

11. B. Reduce memory footprint by removing dictionaries

12. B.

13. A. --add--

14. ~~Break~~

## 3. FUNCTIONAL PROGRAMMING

15. C. 12 (will treat it as a string)

16. B.

17. C. Combinations

18. A.

19. B. 1 2 3 1

## QUESTION BANK

### 4. Generators & Iterators

20. B.

21.

22. B.

### 5. Context manager & decorators

23. C. Both `--enter--` and `--exit--`

24. C. Before In Hello

25. A. Decorator with parameters

### 6. FILE I/O

26. ~~B. json.loads requires file~~ B. Missing quotes around key

27. A. pandas.read\_csv(chunksize=)

28. B. Using `for row in df.itertuples(index=False):`

C.

### 7. Concurrency

29.

30. D. Nothing by default

31. B. `audit.asyncio.create()`

32. C. I/O-bound task

33.

34.

8

## networking, requests & fastapi

35. D. POST

36. B. Raises exception for 4xx/5xx

37. C. Pydantic

38. C. Uvicorn

39. C. JSON

40. C. JSON

9.

41.

42. B.

43. B.

44. C.

45.

## 10. Advanced Python

46. A. the decorated function's metadata

47. B. Assignment expression inside expression

48.

49. B. Decimal

50. A. they are intended &amp; required