1. What is Python language?

2. What are the key features of Python?

3. Differentiate between lists and tuples.

4. Explain the ternary operator in Python.

5. What are negative indices?

6. Is Python case-sensitive?

7. How long can an identifier be in Python?

8. How would you convert a string into lowercase?

9. What is the pass statement in Python?

10. Explain help() and dir() functions in Python.

11. How do you get a list of all the keys in a dictionary?

12. What is slicing?

13. How would you declare a comment in Python?

14. How will you check if all characters in a string are alphanumeric?

15. How will you capitalize the first letter of a string?

16. We know Python is all the rage these days. But to be truly accepting of a great technology, you must know its pitfalls as well. Would you like to talk about this?

17. How do you insert an object at a given index in Python?

18. And how do you reverse a list?

19. What is the Python interpreter prompt?

20. How does a function return values?

21. How would you define a block in Python?

22. Why do we need break and continue in Python?

23. Will the do-while loop work if you don’t end it with a semicolon?

24. In one line, show us how you’ll get the max alphabetical character from a string.

25. What is Python good for?

26. Can you name ten built-in functions in Python and explain each in brief?

27. How will you convert a list into a string?

28. Can you explain the life cycle of a thread?

29. What is a dictionary in Python?

30. Explain the //, %, and \*\* operators in Python.