Python Strings – Important Questions & Answers

1. **What is a string in Python?**

A string is a sequence of characters enclosed in quotes.

2. **What is indexing in a string?**

Indexing means accessing characters by their position number.

3. **text = 'hello', what is text[0]?**

h

4. **What is the output of text[4]?**

o

5. **What does text[-1] give?**

o

6. **If name = 'Ajay', what is name[0] + name[3]?**

Ay

7. **What happens if you try name[10]?**

IndexError: string index out of range

8. **Given s = 'Python', what is s[0:2]?**

Py

9. **What does s[5:1] return?**

'' (empty string)

10. **Output of print(s[2:-1:2]) for s = 'Python'**

to

11. **Code to print last 3 letters of 'elephant'**

```
s = "elephant"
print(s[-3:])
```

Output: ant

12. **Middle 3 letters from 'Science'**

```
s = "Science"
print(s[2:5])
```

Output: ien

13. **Difference between s[2:5] and s[2:5:1]**

Both give same output → tho