

Python Questions:

1. Who developed Python Programming Language?

- a) Wick van Rossum
- b) Rasmus Lerdorf
- c) Guido van Rossum
- d) Niene Stom

Answer: c) Guido van Rossum

2. Which type of Programming does Python support?

- a) object-oriented programming
- b) structured programming
- c) functional programming
- d) all of the mentioned

Answer: d) all of the mentioned

3. Is Python case sensitive when dealing with identifiers?

- a) no
- b) yes
- c) machine dependent
- d) none of the mentioned

Answer: b) yes

4. Which of the following is the correct extension of the Python file?

- a) .python
- b) .pl
- c) .py
- d) .p

Answer: c) .py

5. Is Python code compiled or interpreted?

- a) Python code is both compiled and interpreted
- b) Python code is neither compiled nor interpreted
- c) Python code is only compiled
- d) Python code is only interpreted

Answer: a) Python code is both compiled and interpreted

6. What are the values of the following Python expressions?

```
print(2**(3**2))
```

```
print((2**3)**2)
```

```
print(2**3**2)
```

- a) 512, 64, 512
- b) 512, 512, 512
- c) 64, 512, 64
- d) 64, 64, 64

Answer: a) 512, 64, 512

7. Which of the following is the truncation division operator in python?

- a) |
- b) //
- c) /
- d) %

Answer: b) //

8. What will be the output of the following Python code?

```
l=[1, 0, 2, 0, 'hello', '', []]
```

```
print(list(filter(bool, l)))
```

a) [1, 0, 2, 'hello', '', []]

b) Error

c) [1, 2, 'hello']

d) [1, 0, 2, 0, 'hello', '', []]

Answer: c) [1, 2, 'hello']

9. Which of the following functions is a built-in function in python?

a) factorial()

b) print()

c) seed()

d) sqrt()

Answer: b) print()

10. Which of the following is the use of id() function in python?

a) Every object doesn't have a unique id

b) Id returns the identity of the object

c) All of the mentioned

d) None of the mentioned

Answer: b) Id returns the identity of the object