

MCQ

1. Who developed Python Programming Language?

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

2. Which type of Programming does Python support?

- a) object-oriented programming
- b) structured programming
- c) functional programming
- 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

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

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

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

6. All keywords in Python are in _____

- a) Capitalized
- b) lower case
- c) UPPER CASE
- d) None of the mentioned

7. What will be the value of the following Python expression?

$4 + 3 \% 5$

- a) 7
- b) 2
- c) 4
- d) 1

8. Which of the following is used to define a block of code in Python language?

- a) Indentation
- b) Key
- c) Brackets
- d) All of the mentioned

9. Which keyword is used for function in Python language?

- a) Function
- b) Def
- c) Fun
- d) Define

10. Which of the following character is used to give single-line comments in Python?

- a) //
- b) #
- c) !
- d) /*

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

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)

    i += 1
```

- a) 1 2 3
- b) error
- c) 1 2
- d) none of the mentioned

12. Which of the following functions can help us to find the version of python that we are currently working on?

- a) sys.version(1)
- b) sys.version(0)
- c) sys.version()
- d) sys.version

13. Python supports the creation of anonymous functions at runtime, using a construct called

- a) pi
- b) anonymous
- c) lambda
- d) none of the mentioned

14. What is the order of precedence in python?

- a) Exponential, Parentheses, Multiplication, Division, Addition, Subtraction
- b) Exponential, Parentheses, Division, Multiplication, Addition, Subtraction
- c) Parentheses, Exponential, Multiplication, Division, Subtraction, Addition
- d) Parentheses, Exponential, Multiplication, Division, Addition, Subtraction

15. What will be the output of the following Python code snippet if x=1?

```
x<<2
```

- a) 4
- b) 2
- c) 1
- d) 8

16. What does pip stand for python?

- a) unlimited length
- b) all private members must have leading and trailing underscores
- c) Preferred Installer Program
- d) none of the mentioned

17. Which of the following is true for variable names in Python?

- a) underscore and ampersand are the only two special characters allowed
- b) unlimited length
- c) all private members must have leading and trailing underscores
- d) none of the mentioned

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

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

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

19. Which of the following is the truncation division operator in Python?

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

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

```
l=[1, 0, 2, 0, 'hello', '', []]
list(filter(bool, l))
```

- a) [1, 0, 2, 'hello', ''], [[]]
- b) Error
- c) [1, 2, 'hello']
- d) [1, 0, 2, 0, 'hello', ''], [[]]

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

- a) factorial()
- b) print()
- c) seed()
- d) sqrt()

22. 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

23. The following python program can work with ____ parameters.

```
def f(x):  
    def f1(*args, **kwargs):  
        print("Sanfoundry")  
        return x(*args, **kwargs)  
    return f1
```

- a) any number of
- b) 0
- c) 1
- d) 2

24. What will be the output of the following Python function?

```
min(max(False, -3, -4), 2, 7)
```

- a) -4
- b) -3
- c) 2
- d) False

25. Which of the following is not a core data type in Python programming?

- a) Tuples
- b) Lists
- c) Class
- d) Dictionary

26. What will be the output of the following Python expression if x=56.236?

```
print("%.2f"%x)
```

- a) 56.236
- b) 56.23
- c) 56.0000
- d) 56.24

27. Which of these is the definition for packages in Python?

- a) A set of main modules
- b) A folder of python modules
- c) A number of files containing Python definitions and statements
- d) A set of programs making use of Python modules

28. What will be the output of the following Python function?

```
len(["hello",2,4,6])
```

- a) Error
- b) 6
- c) 4
- d) 3

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

```
x = 'abcd'
for i in x:
    print(i.upper())
```

- a) a B C D
- b) a b c d
- c) error
- d) A B C D

30. What is the order of namespaces in which Python looks for an identifier?

- a) Python first searches the built-in namespace, then the global namespace and finally the local namespace
- b) Python first searches the built-in namespace, then the local namespace and finally the global namespace
- c) Python first searches the local namespace, then the global namespace and finally the built-in namespace
- d) Python first searches the global namespace, then the local namespace and finally the built-in namespace