

Core Python

1). What is output for `'siva'.find('k')` ?

- A). Type error B). ' ' C). -1 D - Not found

2). `y = [4, 5, 1j]`, What is the output for this statement `y.sort()`

- A). `[1j, 4, 5]` B). `[5, 4, 1j]` C). `[4, 5, 1j]` D). Type Error

3). When the given code is executed how many times `'you are learning python '` will be printed.

```
a = 0
```

```
while a < 10:
```

```
    print("you are learning python")
```

- A). 9 B). 10 C). 11 D). Infinite number of times.

4). Suppose we have a set `a = {10, 9, 8, 7}`, and we execute `a.remove(14)` what will happen ?

- A). We cannot remove an element from set.
B). Method is executed but no exception is raised.
C). Key error is raised.
D). There doesn't exist such method as remove.

5). What is the output of the following code?

```
def f(x = 100, y = 100):
```

```
    return(x+y, x-y)
```

```
x, y = f(y = 200, x = 100)
```

```
print(x, y)
```

- A). 300 -100 B). 200 0 C). 200 100 D). 0 300

6). Which can be an Identifier among them in Python?

- A). 1abc B). \$12a C). _xy1 D). @python

7). What is the output of the following code :

```
print 9//2
```

- A). 4.5 B). 4.0 C). 4 D)Error

8). Which function overloads the >> operator?

- A). more() B). gt() C). ge() D).None of the above

9).Which operator is overloaded by the **or** operator?

- A). || B). | C). // D). /

10). What is the output of the following program :

```
i=0
```

```
while i<3:
```

```
    print(i,end=" ")
```

```
    i++
```

```
    print(i+1,end=" ")
```

- A).0 2 1 3 2 4 B).0 1 2 3 4 5 C).Error D).1 0 2 4 3 5

11). Which of these is not a core data type?

- A). Lists B). Dictionary C). Tuples D). Class

12). What is the output of the following program :

```
print ("Hello World"[::-1])
```

- A). dlroW olleHB). Hello Worl C). d D). Error

13). Given a function that does not return any value, what value is shown when executed at the shell?

- A). int B). bool C). void D). None

14). What does ~~~~~~5 evaluate to?

- A). 5 B). -11 C). -6 D). -5

15). Given a string s="siva krishna", which of the following code is incorrect?

- A). print(s[0]) B). print(s.lower()) C). s[1]='r' D). print(s.strip())

16). What is the output of the following program :

```
def myfunc(a):
```

```
    a = a + 2
```

```
    a = a * 2
```

```
    return a
```

```
print(myfunc(2))
```

- A). 8 B). 16 C). Indentation Error D). Runtime Error

17). What is the output of the expression : $3*1**3$

- A). 27 B). 9 C). 3 D). 1

18). What is the output of the following program :

```
print('{0:.2}'.format(1.0 / 3))
```

- A). 0.333333 B). 0.33 C). 0.333333;-2 D). Error

19). What is the output of the following program :

```
i = 0
```

```
while i < 3:
```

```
    print(i,end=" ")
```

```
    i += 1
```

```
else:
```

```
    print (0)
```

- A). 0 1 2 3 0 B). 0 1 2 0 C). 0 1 2 D). Error

20). What is the output of the following program :

```
i = 0
```

```
while i < 5:
```

```
    print(i,end=" ")
```

```
    i += 1
```

```
    if i == 3:
```

```
        break
```

```
else:
```

```
print(0)
```

- A). 0 1 2 0 B). 0 1 2 C). Error D). None of the above

21). What is the output of the following program :

```
print('abcefd'.replace('cd', '12'))
```

A). ab1ef2 B). abcefd C). ab1efd D). ab12ed2

22). What will be displayed by the following code?

```
def f(value, values):
```

```
    v = 1
```

```
    values[0] = 44
```

```
t = 3
```

```
v = [1, 2, 3]
```

```
f(t, v)
```

```
print(t, v[0])
```

A). 1 1 B). 1 44 C). 3 1 D). 3 44

23). What will be the output of the following code :

```
print(type(type(int)))
```

A). <class 'int'> B). <class 'type'> C). Error D). 0

24). What is the output of the following code :

```
L = ['a','b','c','d'],print(''.join(L))
```

A). Error B). None C). abcd D). ['a','b','c','d']

25). What is the output of the following segment :

```
chr(ord('A'))
```

A). A B). B C). a D). Error

26). What is the output of the following program :

```
y = 8
```

```
z = lambda x : x * y
```

```
print(z(6))
```

A). 48 B). 14 C). 64 D). None of the above

27). What is called when a logic/functionality is defined inside a class?

A). Module B). Class C). Another Function D). Method

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

A). Id returns the identity of the object B). Every object doesn't have a unique id

C). All of the mentioned D). None of the mentioned

29). Suppose list1 is [3, 4, 5, 20, 5, 25, 1, 3], what is list1 after list1.pop(1)?

A).[3, 4, 5, 20, 5, 25, 1, 3] B).[1, 3, 3, 4, 5, 5, 20, 25]

C).[3, 5, 20, 5, 25, 1, 3] D).[1, 3, 4, 5, 20, 5, 25]

30). What is the output of the following code

```
a = True
```

```
b = False
```

```
c = False
```

```
if a or b and c:
```

```
    print( "siva krishna")
```

```
else:
```

```
    print ("SIVA KRISHNA")
```