

## Python Quiz

1. What is the output of `print(2**3**2)`

Ans:

2. What is the output of `print(4**-.5)`

Ans:

3. The output of `print((-4)**-.5)`

- a. Integer
- b. Real Number
- c. Complex number
- d. Program will throw exception

4. What is the output of `print(10^6)`

Ans:

5. What is the output of `print((False - True - True) * True)`

Ans:

6. What is the output of `print(math.sqrt(2)*math.sqrt(2) == 2.0)`

Ans:

7. What is the output of `print(2*3*4/3*2)`

Ans:

8. What is the output of following code segment

```
j = 0
for i in range(j, 6):
    j += i
print(j)
```

Ans:

9. What is the output of following code segment

```
j = 0
for i in range(6):
    j += j
print(j)
```

Ans:

10. What is the output of following code segment

```
for i in range(6):
    i += i
print(i)
```

Ans:

11. Given that `1==1==1`, and `(1==1)==1`, and `0==0==0` evaluates to `True`, what will be evaluation of `(0==0)==0`

Ans:

USN:

Name: .....

12. What is the output of `print(eval("1 * 1" + "2 * 2"))`

Ans:

13. What is the output of `print(eval("1 * 1" * 3))`

Ans:

14. What is the output of `print(eval("1 * 1" * "1"))`

Ans:

15. What is the output of `print(eval("1 * 1 " + "1 + 1 "))`

Ans:

16. What is the output of following code

```
a = "CSE"; b=a.lower().upper(); c = "CSE"
print(a is b, a is c, b is c)
```

Ans:

17. What is the output of following code

```
a = [1, 2]; b = [3, 4]
print(a + b)
```

Ans:

18. What is the output of following code

```
a = [1, 2]; b = [1, 2]
print(a is b, a == b)
```

Ans:

19. What is the output of following code

```
def addone(a):
    a = a + [1]

mya = [1, 2]
addone(mya)
print(len(mya))
```

Ans:

20. What is the output of following code:

```
n = 7
arr = [0]* n
for i in range(n):
    arr[i] = n - 1 - i
for i in range(n):
    arr[i] = arr[arr[i]]
print(arr)
```

Ans:

<— end of quiz —>