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Topics : **Operators , Precedence of operators**

**1.What is the output of the following snippet ?**

**a. x=3 and 4**

**print(x)**

1. 3
2. 4
3. True
4. False

**Answer : B**

**b. x=3 or 4**

**print(x)**

1. 3
2. 4
3. True
4. False

**Answer : A**

**c. x=not 3**

**print(x)**

1. 3
2. 4
3. True
4. False
5. Syntax Error
6. Type Error

**Answer : D**

**d. x=3 not 4**

**print(x)**

1. 3
2. 4
3. True
4. False
5. Syntax Error
6. Type Error

**Answer : E**

**2. result = 2 \*\* 3 \*\* 2**

**print(result)**

1. 64
2. 512
3. 576
4. 512 \*\* 3

**Answer : B**

**3. x = 10**

**y = 5**

**z = 8**

**result = x % y // z**

**print(result)**

1. 1
2. 0
3. 2
4. 3

**Answer : B**

**4. x = 7 - 2 \* 3 \*\* 2 + 4**

**print(x)**

1. -7
2. 7
3. 259
4. -5

**Answer : A**

**5. x = (2 \*\* 3) \*\* 2**

**print(x)**

1. 46
2. 256
3. 64
4. 12

**Answer : C**

**6. 1. The value of the expressions 4/(4\*(2-1)) and 4/4\*(2-1) is the same.?**

a) True

b) False

Answer : A

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

x = int(45.55+2/2)

A) 43

B) 46

C) 22

D) 23

**Answer : B**

**8. What is the value of the following expression?**

**2+4.00, 2\*\*4.0**

A) (6.0, 16.0)

B) (6.00, 16.00)

C) (6, 16)

D) (6.00, 16.0)

**Answer : A**

**9. Which of the following is the truncation division operator ?**

A) /

B) %

C) //

D) |

**Answer : C**

**10. What are the values of the following Python expressions ?**

**x=2\*\*(3\*\*2)**

**y=(2\*\*3)\*\*2**

**z=2\*\*3\*\*2**

**print(x,y,z)**

1. 64, 512, 64
2. 64, 64, 64
3. 512,512,512
4. 512,64,512

**Answer : D**

**11. x=8/4/2**

**y=8/(4/2)**

**print(x,y)**

1. (1.0, 4.0)
2. (1.0, 1.0)
3. (4.0. 1.0)
4. (4.0, 4.0)

**Answer : A**

**12. x=(3\*\*(2>>3)\*\*4)**

**print(x)**

1. 1
2. Syntax Error
3. Type Error
4. 0

**Answer : A**

**13. x=(3<<(2>>3)\*\*4)**

**print(x)**

1. Type Error
2. Syntax Error
3. 3
4. 0

**Answer : C**

**14. Which of the following gives the output as 9?**

A) 5+2\*\*2

B) 11+1\*3/4

C) 18-3\*\*2

D) Both a and c

**Answer : D**

**15. print(4+3 and 6 or 4>5+2)**

A) 6

B) 9

C) Error

**Answer : A**

**16. Which of the following gives output as 0?**

1. 6+4!=~4+15
2. 5+3>>4\*3
3. 2\*\*4-18+3
4. 4&10+4

**Answer : B**

**17. Which of the following give the output as True?**

1. True and False and False
2. (False and True) or False
3. True and True or False
4. not(True or False) and True

**Answer : D**

**print(False<False)**

**False**

**print(False==False)**

**True**

**print(False<True)**

**True**

**print(6>7<False)**

**False**

**print(2+False)**

**2**

**print(True+False)**

**1**

**print(6<7+'a')**

**Traceback (most recent call last):**

**File "<pyshell#7>", line 1, in <module>**

**print(6<7+'a')**

**TypeError: unsupported operand type(s) for +: 'int' and 'str'**

**print(6<7+True)**

**True**

**print(False+True)**

**1**

**a=5**

**print(a++)**

**SyntaxError: invalid syntax**

**print(++a)**

**5**

**b=2**

**print(++a + b)**

**7**

**print(a)**

**5**

**print(a++)**

**SyntaxError: invalid syntax**

**a++**

**SyntaxError: invalid syntax**

**++a**

**56**