1. What is the output of the following expression:

print(4.00/(2.0+2.0))

a) Error

b) 1.0

c) 1.00

d) 1

2. Consider the expression given below. The value of X is:

X = 2+9\*((3\*12)-8)/10

a) 30.0

b) 30.8

c) 28.4

d) 27.2

3. Which of the following expressions involves coercion when evaluated in Python?

a) 4.7 – 1.5

b) 7.9 \* 6.3

c) 1.7 % 2

d) 3.4 + 4.6

4. What is the value of the following expression:

24//6%3, 24//4//2

a) (1,3)

b) (0,3)

c) (1,0)

d) (3,1)

5. Which among the following list of operators has the highest precedence?

+, -, \*\*, %, /, <<, >>, |

a) <<, >>

b) \*\*

c) |

d) %

6. What is the value of the expression:

float(4+int(2.39)%2)

a) 5.0

b) 5

c) 4.0

d) 4

7. Which of the following expressions is an example of type conversion?

a) 4.0 + float(3)

b) 5.3 + 6.3

c) 5.0 + 3

d) 3 + 7

8. Which of the following expressions results in an error?

a) float(‘10’)

b) int(‘10’)

c) float(’10.8’)

d) int(’10.8’)

9. What is the value of the expression:

4+2\*\*5//10

a) 3

b) 7

c) 77

d) 0

10. The expression 2\*\*2\*\*3 is evaluates as: (2\*\*2)\*\*3. State whether this statement is true or false.

a) True

b) False

11. What is the value of x is True if:

x >> 2 == 2

a) 8

b) 4

c) 2

d) 1

12. To find the decimal value of 1111, that is 15, we can use the function:

a) int(1111,10)

b) int(‘1111’,10)

c) int(1111,2)

d) int(‘1111’,2)