1. Which operator is used to perform floor division?
2. %
3. //
4. /
5. \*\*

**ANSWER : B**

1. Which of the following statements is correct regarding the object-oriented programming concept in Python?
2. Classes are real-world entities while objects are not real
3. Objects are real-world entities while classes are not real
4. Both objects and classes are real-world entities
5. All of the above

**ANSWER : B**

1. In the expression **6 + 4 \*\* 4 \* 3**, which part is evaluated first according to Python’s operator precedence rule?
2. 6 + 4
3. 2 \*\* 2 \* 3
4. 4 \*\* 4
5. 6 + 4 \*\* 4

**ANSWER: C**

1. What does the following python code print?

**Result= 7 // 2 + 3 \*\* 2 % 4**

**Print(Result)**

1. 4
2. 5
3. 6
4. 7

**ANSWER: A**

1. What does the following python code print?

**a,b,c=10,20,30**

**result = a \* b – c // 4+c %3**

**print(result)**

1. 197
2. 198
3. 193
4. 200

**ANSWER: C**

1. What is the result of the following expression in Python?

**3 \* “Hello”**

1. “HelloHelloHelloHello”
2. “Hello 3 times”
3. “HelloHelloHello”
4. Error

**ANSWER: C**

1. What is the result of the following expression in Python?

**x= 15**

**y= 10**

**Print(x>=y,x!=y,x<y)**

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

**ANSWER: B**

1. Operators with the same precedence are evaluated in which manner?
2. Left to Right
3. Right to left
4. Cant say
5. None of the mentioned

**ANSWER: A**

1. Which operator is used to perform logical AND operation?
2. &
3. &&
4. and
5. AND

**ANSWER: C**

1. Which operator is used in Python for bitwise AND operations?
2. &
3. |
4. ^
5. \*

**ANSWER: A**

1. What is the purpose of the -= operator in python?
2. To multiply a variable by a value and assign the result to the variable
3. To add a value to a variable and assign the result to the variable
4. To subtract a value from a variable and assign the result to the variable
5. To divide a variable by a value and assign the result to the variable

**ANSWER: C**

1. What is the result of the expression?

**Result= 10 - 2 \*\* 3 \* 2 / 4 + 3**

1. 10.0
2. 9.0
3. 8.0
4. 11.0

**ANSWER: B**

1. Which of the following operators is the correct option for power (ab)?
2. a ^ b
3. a \*\* b
4. a ^^ b
5. a ^\*b

**ANSWER: B**

1. Which one of the following has the highest precedence in the expression?
2. Exponential
3. Addition
4. Multiplication
5. Parentheses

**ANSWER: D**

1. What is the output of the code?

**a,b,c=5,2,4**

**a\*=b+c**

**a-= c //b**

**print(a)**

1. 35
2. 28
3. 39
4. 42

**ANSWER: B**

1. Study the following code?

**x = 1**

**while True:**

**if x % 5 == 0:**

**break**

**print(x) x += 1**

1. Error
2. 2 1
3. 0 3 1
4. None of these

**ANSWER: D**

1. What is the result of the following expression?

**a = False**

**b = True**

**c = False**

**d = True**

**result = not a and (a or b) and (not c or d) and (a == c)**

1. False
2. True
3. None
4. Error

**ANSWER: A**

1. What is the result?

**a = 28**

**b = 13**

**result = (a >> b) << 2**

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

**ANSWER: A**

1. What is the output of the python code?

**a,b,c =5,3,2**

**a= a+b \* c//b \*\*2**

**b=a%b**

**c=c-a//b**

**print(a,b,c)**

1. 5 2 0
2. 6 2 1
3. 8 1 0
4. 7 0 1

**ANSWER: A**

1. **lst = [2, 4, 6, 8, 10]**

**print(4 in lst, 5 not in lst)**

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

**ANSWER: A**

1. What is the output of the following program?

**i = 0**

**while i < 3:**

**print(i)**

**i++**

**print(i+1)**

1. 0 2 1 3 2 4 5
2. 1 0 2 3 4 5
3. None of these
4. 1 0 2 4 3 5

**ANSWER: C**

1. What is the result?

string = "environment"

result = "n" in string

print(result)

1. True
2. False
3. Error
4. None

**ANSWER: A**

1. What is the result of the list?

**lst = [1, 2, 3, 4, 5, 6]**

**result = 6 not in lst**

**print(result)**

1. True
2. False
3. Error
4. None

**ANSWER: B**

1. **x = [4, 5, 6]**

**y = x**

**z = [4, 5, 6]**

**print(x is y)**

**print(x is z)**

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

**ANSWER: B**

1. **list1 = [1, 2, 3, 4, 5]**

**list2 = [2, 4, 5]**

**result = all(item in list1 for item in list2)**

**print(result)**

1. True
2. False
3. Error
4. none

**ANSWER: A**

1. What is the result of the following code?

**a = 8**

**b = 5**

**result = a + b if a > 0 and b > 0 else 0**

**print(result)**

1. 8
2. 5
3. 13
4. 0

**ANSWER: C**

1. **lst = [2, 3, 4, 2, 3]**

**unique = 0**

**for num in lst:**

**unique ^= num**

**print(unique)**

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

**ANSWER: D**

1. What is the output for the following code?

**for i in range(2, 6):**

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

1. 2 3 4 5
2. 2 3 4 5 6
3. 1 2 3 4 5
4. 3 4 5 6

**ANSWER: A**

1. Print the value of **r = range(5, 15, 2) print(len(r)) ?**
2. 15
3. 7
4. 5
5. 2

**ANSWER: C**

1. **What is the output for the following code?**

**for i in range(1, 4):**

**for j in range(1, 4):**

**print(j, end="")**

**print()**

1. 321 321 321
2. 111 111 111
3. Syntax error
4. None

**ANSWER: B**

1. **str1 = "hello"**

**result = "e" in str1 and "a" not in str1**

1. True
2. False
3. Error
4. None

**ANSWER: A**

1. What does the following Python code print?

**m, n, p = 14, 5, 0**

**if m > n and m % 2 == 0:**

**p = m // n**

**if p % 2 == 0:**

**p += m**

**else:**

**p -= m**

**print(p)**

1. 2
2. 3
3. 5
4. 16

**ANSWER: D**

1. What does the following Python code print?

**a, b = [10, 20, 30], [10, 20, 30]**

**if a is not b:**

**result = 30 in a**

**else:**

**result = 30 not in b**

**print(result)**

1. True
2. False
3. None
4. Error

**ANSWER: A**

1. **x = "hello"**

**y = "hello"**

**z = "world"**

**print(x == y, x is y)**

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

**ANSWER: A**

1. **str1 = "Python"**

**str2 = "Python"**

**str3 = "Java"**

**print(str1 == str2, str1 is not str3, str1 is str2)**

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

**ANSWER: A**