**1. Amongst which of the following is / are the application areas of Python programming?**

1. Web Development
2. Game Development
3. Artificial Intelligence and Machine Learning
4. All of the mentioned above

**2. Amongst which of the following is / are the Numeric Types of Data Types?**

1. int
2. float
3. complex
4. All of the mentioned above

**3. list, tuple, and range are the \_\_\_ of Data Types.**

1. Sequence Types
2. Binary Types
3. Boolean Types
4. None of the mentioned above

**4. The for loop in Python is used to \_\_\_ over a sequence or other iterable objects.**

1. Jump
2. Iterate
3. Switch
4. All of the mentioned above

**5. With the break statement we can stop the loop before it has looped through all the items?**

1. True
2. False

**6. Float type of data type is represented by the float class.**

1. True
2. False

**7. bytes, bytearray, memoryview are type of the \_\_\_ data type.**

1. Mapping Type
2. Boolean Type
3. Binary Types
4. None of the mentioned above

**8. The type() function can be used to get the data type of any object.**

1. True
2. False

**9. Binary data type is a fixed-width string of length bytes?**

1. True
2. False

**10. Varbinary data type returns variable-width string up to a length of max-length bytes?**

1. TRUE
2. FALSE

**11. Amongst which of the following is / are the logical operators in Python?**

1. and
2. or
3. not
4. All of the mentioned above

**12. Is Python supports exception handling?**

1. Yes
2. No

**13. What is the name of the operator \*\* in Python?**

1. Exponentiation
2. Modulus
3. Floor division
4. None of the mentioned above

**14. The % operator returns the \_\_\_.**

1. Quotient
2. Divisor
3. Remainder
4. None of the mentioned above

**15. Amongst which of the following is / are the method of list?**

1. append()
2. extend()
3. insert()
4. All of the mentioned above

[list.append(x)](https://www.includehelp.com/python/list-append-method-with-example.aspx), [list.extend(iterable)](https://www.includehelp.com/python/list-extend-method-with-example.aspx" \t "_blank), [list.insert(i, x)](https://www.includehelp.com/python/list-insert-method-with-example.aspx" \t "_blank) are the methods of list. list.append(x) - add an item to the end of the list. list.extend(iterable) - extend the list by appending all the items from the iterable. list.insert(i, x) Insert an item at a given position.

**16. The list.pop ([i]) removes the item at the given position in the list?**

1. True
2. False

**17. The list.index(x[, start[, end]]) is used to \_\_\_.**

1. Return zero-based index in the list
2. Raises a ValueError if there is no such item
3. Both A and B
4. None of the mentioned above

**18. Python Dictionary is used to store the data in a \_\_\_ format.**

1. Key value pair
2. Group value pair
3. Select value pair
4. None of the mentioned above

**19. The following is used to define a \_\_\_.**

d = {

<key>: <value>,

<key>: <value>,

.

.

.

<key>: <value>

}

1. Group
2. List
3. Dictionary
4. All of the mentioned above

**Answer:** C) Dictionary

d = {

<key>: <value>,

<key>: <value>,

.

.

.

<key>: <value>

}

**20. Python Literals is used to define the data that is given in a variable or constant?**

1. True
2. False

**21. Conditional statements are also known as \_\_\_ statements.**

1. Decision-making
2. Array
3. List
4. None of the mentioned above

**22. The if statement is the most fundamental decision-making statement?**

1. True
2. False

**23. Amongst which of the following if syntax is true?**

1. if condition:
2. #Will executes this block if the condition is true
3. if condition
4. {
5. #Will executes this block if the condition is true
6. }
7. if(condition)
8. #Will executes this block if the condition is true
9. None of the mentioned above

**24. Amongst which of the following is / are the conditional statement in Python code?**

1. if a<=100:
2. if (a >= 10)
3. if (a => 200)
4. None of the mentioned above

**25. Which of the following is not used as conditional statement in Python?**

1. switch
2. if...else
3. elif
4. None of the mentioned above

**26. Which of the following is false regarding conditional statement in Python?**

1. If-elif is the shortcut for the if-else chain
2. We use the dictionary to replace the Switch case statement
3. We cannot use python classes to implement the switch case statement
4. None of the mentioned above

**27. In Python, an else statement comes right after the block after 'if'?**

1. True
2. False

**28. In a Python program, Nested if Statements denotes?**

1. if statement inside another if statement
2. if statement outside the another if statement
3. Both A and B
4. None of the mentioned above

**29. What will be the output of the following Python code?**

a=**7**

**if** a>**4**: print("Greater")

1. Greater
2. 7
3. 4
4. None of the mentioned above

**30. What will be the output of the following Python code?**

x,y = **12**,**14**

**if**(x+y==**26**):

print("true")

**else**:

print("false")

1. true
2. false

**Answer:** A) true

**31. What will be the output of the following Python code?**

x=**13**

**if** x>**12** **or** x<**15** **and** x==**16**:

print("Given condition matched")

**else**:

print("Given condition did not match")

1. Given condition matched
2. Given condition did not match
3. Both A and B
4. None of the mentioned above

**Answer:** A) Given condition matched

**32. Consider the following code segment and identify what will be the output of given Python code?**

a = int(input("Enter an integer: "))

b = int(input("Enter an integer: "))

**if** a <= **0**:

b = b +**1**

**else**:

a = a + **1**

1. if inputted number is a negative integer then b = b +1
2. if inputted number is a positive integer then a = a +1
3. Both A and B
4. None of the mentioned above

**33. In Python, \_\_\_ defines a block of statements.**

1. Block
2. Loop
3. Indentation
4. None of the mentioned above

**34. An \_\_\_ statement has less number of conditional checks than two successive ifs.**

1. if else if
2. if elif
3. if-else
4. None of the mentioned above

**35. In Python, the break and continue statements, together are called \_\_\_ statement.**

1. Jump
2. goto
3. compound
4. None of the mentioned above

**36. What will be the output of the following Python code?**

num = **10**

**if** num > **0**:

print("Positive number")

**elif** num == **0**:

print("Zero")

**else**:

print("Negative number")

1. Positive number
2. Negative number
3. Real number
4. None of the mentioned above

**37. The elif statement allows us to check multiple expressions.**

1. True
2. False

**38. What will be the output of the following Python code?**

i=**5**

**if** i>**11** : print ("i is greater than 11")

1. No output
2. Abnormal termination of program
3. Both A and B
4. None of the mentioned above

**39. What will be the output of the following Python code?**

a = **13**

b = **15**

print("A is greater") **if** a > b **else** print("=") **if** a == b **else** print("B is greater")

1. A is greater
2. B is greater
3. Both A and B
4. None of the mentioned above
5. print("A is greater") if a > b , here 13 is not greater than 15 so condition becomes false
6. print("=") if a == b , here 13 is not equal to 15 so condition becomes false
7. else print("B is greater"), condition 1 and 2 will not be true so program control will switch to else part and output will be "B is greater".

**40. If a condition is true the not operator is used to reverse the logical state?**

1. True
2. False

**41. Loops are known as \_\_\_ in programming.**

1. Control flow statements
2. Conditional statements
3. Data structure statements
4. None of the mentioned above

Answers:

* 1. All of the mentioned above
  2. All of the mentioned above
  3. Sequence Types
  4. Iterate
  5. True
  6. True
  7. Binary Types
  8. True
  9. True
  10. True
  11. All of the mentioned above
  12. Yes
  13. Exponentiation
  14. Remainder
  15. All of the mentioned above
  16. True
  17. Both A and B
  18. Key value pair
  19. Dictionary
  20. True
  21. Decision making
  22. True
  23. If condition:

#will executes this block if the condition is true

* 1. If a<=100
  2. Switch
  3. We cannot use python classes to implement the switch case statement
  4. True
  5. if statement inside another if statement
  6. Greater
  7. True
  8. Given condition matched
  9. Both A and B
  10. Indentation
  11. If-else
  12. --
  13. Positive number
  14. True
  15. Both A and B
  16. B is Greater
  17. True
  18. Control flow statements