1. Python is a generate purpose interpreted, and high-level programming language.
   1. **True**
   2. False
2. Python is statement looks like English, this indicates python code is more readable and looks like English statement.
   1. False
   2. **True**
3. Python is only available for Windows PC/Laptop operating system.
   1. **False**
   2. True
4. Identify the software name which used to write python code and projects.
   1. RStudio
   2. **Jupyter Notebook**
   3. MS Word
   4. None
5. Python reserved words that cannot be used for variable name/ function name and reserved words are in lowercase always.
   1. False
   2. **True**
6. Identify invalid variable names
   1. **2myvar = “John”**
   2. Myvar = “John”
   3. MYVAR = “John”
   4. None
7. \_\_\_\_\_\_\_\_\_\_\_\_ function used to print the value of variables in Python
   1. **Print**
   2. Display
   3. View
   4. None
8. Python used \_\_\_\_\_\_\_\_\_\_\_\_\_\_ approach to indicates the block of codes.
   1. **Indentation**
   2. Brackets
   3. Block
   4. None
9. Select the quotations support by Python
   1. Single
   2. Double
   3. Triple
   4. **All of the above**
10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ symbol represents comment line in Python
    1. +
    2. /\* \*/
    3. **#**
    4. None
11. To download pandas library, select the right statements
    1. **pip install pandas**
    2. pip download pandas
    3. pip update pandas
    4. None
12. \_\_\_\_\_\_\_\_\_\_\_ functions to check type of data variable is holding
    1. **type()**
    2. check()
    3. print()
    4. None
13. \_\_\_\_\_\_\_\_\_\_\_\_\_ (if..else) statement used for checking condition with Python.
    1. **Conditional statement**
    2. Control Statement
    3. Loop statement
    4. None
14. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ keyword used to define functions in Python.
    1. If
    2. **def**
    3. fun
    4. None
15. Select common data structures available in Python (Multiple selection)
    1. Matrix
    2. **List**
    3. **Tuple**
    4. **Sets**
16. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ data structure is immutable.
    1. **Tuple**
    2. List
    3. Dictionary
    4. None
17. Set data structures always contains unique elements.
    1. False
    2. **True**
18. Plus(+) operators used to combine elements of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ data structures.
    1. Set
    2. Dictionary
    3. **List**
    4. None
19. Len function is common function to find the total length of elements in data structures.
    1. False
    2. **True**
20. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ data structures contain element in form of keys: values.
    1. List
    2. **Dictionary**
    3. DataFrame
    4. None
21. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ approach to access elements from List & Tuple data structures.
    1. **Indexing**
    2. Columns
    3. Name
    4. None
22. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function used to combine two set.
    1. Append
    2. Combine
    3. **Union**
    4. None
    5. None
23. \_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement used for writing conditional statement with Python.
    1. **If..else**
    2. For loop
    3. def
    4. None
24. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ data structure is mutable(Multiple selection).
    1. Tuple
    2. **List**
    3. **Dictionary**
    4. **Set**
25. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ function used to add or update values in Dictionary.
    1. **update**
    2. Combine
    3. Union
    4. None
26. \_\_\_\_\_\_\_\_\_\_\_\_\_ brackets used to create set data structures.
    1. **{ }**
    2. [ ]
    3. ()
    4. None
27. Data Structures/Collections are useful containers to store and manipulate list of homogeneous or heterogeneous elements
    1. False
    2. **True**
28. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ statement to add library/package in python code.
    1. Load
    2. **import**
    3. Add
    4. None
29. Variable name can only contain alpha-numeric character and underscores(A-z, 0-9 and \_ )
    1. False
    2. **True**
30. To define comments in Python which operator/symbol used
    1. //
    2. **#**
    3. /\*….\*/
    4. None
31. Select the Quotation which Python supports (Multiple selection)
    1. '
    2. “
    3. **“ ” ” or ‘ ‘ ‘**
    4. “ ” ” ”
32. Python used Indentation to define a code block, like other programming used {} (brackets)
    1. **True**
    2. False
33. Python reserved words are basic building blocks of the Python programming language
    1. False
    2. **True**
34. Identify the valid statement for installing pandas packages.
    1. **pip install pandas**
    2. python install pandas
    3. pip setup pandas
    4. None
35. In Python, Dictionaries are immutable
    1. **False**
    2. True
36. Set data structure allow to store unique values in Python.
    1. False
    2. **True**
37. Strings are immutable in Python, which means a string cannot be modified.
    1. **True**
    2. False
38. To return the length of string s what command do we execute? (assume str is string variable)
    1. **str.len()**
    2. len(str)
    3. size(str)
    4. str.size()
39. Write the output of the following code:

**>> L = [1,2,3,4,5,[6,7,8]]**

**>> print(L[5])**

* 1. **[6,7,8]**
  2. Error
  3. 6,7,8
  4. 5

1. Python is a general-purpose interpreted, interactive, object-oriented, and high-level programming language
   1. **True**
   2. False
2. Python reserved words can not be used as Variable/Functions names
   1. False
   2. **True**
3. A variable name can only contain alpha-numeric characters and underscores (A-z, 0-9, and \_ )
   1. **True**
   2. False
4. \_\_\_\_\_\_\_\_\_\_\_\_\_ is package manager in Python to download & install Python packages.
   1. download
   2. **pip**
   3. install
   4. None
5. What will be the output of the following code snippet?

**a = [1, 2, 3]**

**a = tuple(a)**

**a[0] = 2**

**print(a)**

* 1. [2,2,3]
  2. (2,2,3)
  3. (1,2,3)
  4. **Error**

1. Select the Quotation which Python supports (Multiple selection)
   1. **Single**
   2. **Double**
   3. **Triple**
   4. Four
2. Which statement python used to define sets of conditional statements
   1. **If..else**
   2. having
   3. where
   4. None
3. Which of the following is used to define a block of code in Python language?
   1. **Indentation**
   2. Key
   3. Brackets
   4. All of the mentioned
4. To define comments in Python \_\_\_\_\_\_\_\_\_\_\_\_\_ operator/symbol used
   1. //
   2. **#**
   3. /\*….\*/
   4. None
5. Python reserved words are python keyword which can be used as Variable/Functions names
   1. **False**
   2. True
6. To define/create Function in Python which keyword \_\_\_\_\_\_\_\_\_\_\_is used.
   1. **def**
   2. describe
   3. colon
   4. None
7. Loop is useful for iterating elements of List/Set/Tuple
   1. False
   2. **True**
8. Sets always contains repeated value.
   1. False
   2. True
9. len() functions to display the no of elements available in List/Tuple/Sets/Dictionary.
   1. False
   2. **True**
10. Identify the software name which used to write python code and projects.
    1. RStudio
    2. Jupyter Notebook
    3. Notepads
    4. None
11. \_\_\_\_\_\_\_\_\_\_\_\_ is most common function to display the value of variable/object.
    1. View
    2. print
    3. display
    4. get
12. Select the quotations support by Python programming
    1. Single (‘)
    2. Double (“)
    3. Triple (‘’’ or “””)
    4. All of the above
13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ symbol represent Python comment, and comment is used for documentation and annotation of Python code.
    1. +
    2. /\* \*/
    3. #
    4. None
14. To download spacy library, select the right statements
    1. **pip install spacy**
    2. pip download spacy
    3. pip update spacy
    4. None
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