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**