

Vidya Vikas Mandal's  
Ramacrisna Madeva Salgaonkar Higher Secondary School  
Margao Goa

Std: XII Voc -CT      First Internal Exam Aug, 2022      Time:1hr  
Date:06/08/2022      Sub:Software Technology (Voc)      Marks:20

Question number 1 to 10 carries 1 mark each.

1. `x = "Computer Technique"`  
`y =str.len()`  
In above example `y=___`  
a)2                      b)18                      c)17                      d)3
2. `str="You gain nothing without hardwork"`  
`print("gain" in str)`  
a)True                      b)False                      c)gain                      d)Error
3. `Str=" welcome"`  
`print(str)`  
The output of the above code is \_\_\_\_\_  
a) welcome                      b)str                      c)True                      d)None
4. `break=10`  
`print(break)`  
The output is \_\_\_\_\_  
a)10                      b)break                      c)True                      d)Error
5. `D= {"Tiya":20, "Piya":21}`  
`print("Tiya" in D)`  
The output is \_\_\_\_\_  
a)None                      b)False                      c)True                      d)Error
6. What is String?
7. What is a Local variable?
8. Explain what is a Dictionary Data type.
9. Mention any four data types in Python.
10. Name the method that is used to search a substring in a String.

Question number 11 to 12 carries 2 marks each.

11. Write a program using function to find the area of a circle.
12. Write a program to convert all the characters of the input string to capital letters

Question number 13 to 14 carries 3 marks each.

13. Write a Python program using function to check if a string contains alphabets/digits and display a message accordingly.
- OR
13. Write a Python program to count number of small alphabets in a string.
  14. Write a short note on creation and accessing Dictionary data type.

\*\*\*\*\*All the Best\*\*\*\*\*