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Ramacrisna Madeva Salgaocar Higher Secondary School

Margao Goa

Std: XII VOC – CT   Mid Term Exam, August, 2023   Duration:1 hr.

Date: 11/08/23   Subject : Software Technology   Marks:20

Instructions :   1) Answer all the questions as directed.

2) Write the number of questions clearly.

Section A

Question numbers from 1 to 4 carry one mark each.

1) The built-in function to create a dictionary is _____

   a. {}

   b. len()

   c. dict()

   d. type()

2) Which of the following string method returns true if string contains only letters and numbers.

   a. isalnum()

   b. isalpha()

   c. isdigit()

   d. istitle()

3) State the dictionary method to merge two dictionaries into one.

4) Functions in python are defined using which of the following key word.

   a) fun

   b) call

   c) return

   d) def

Section B

Question numbers from 5 to 9 carry two mark each.

5) Write the output for the following code.

```
mylist=["pen","Pencil","Eraser","bag","ruler"]
print(mylist[3])
print(mylist[2:4])
```

6) "Strings are immutable" Explain giving example.

7) Explain the use of get() method in dictionary?

8) Write the output for the following code

```
D={'one': 'scanner', 'three': 'printer', 'two': 'Mouse'}
print(len(D))
for i in D:
print(i,":", D[i])
```

9) What is the function of following dictionary methods?

    i)   Keys()   ii) clear()

Section C

Question numbers from 10 to 12 carry three mark each(answer any two)

10) Write the python program to input 'n' names and phone numbers to store it in a phonebookdictionary. Input any name and delete that entry from phonebook .

11) Write the python program to input any 5 years and the population of any city to store it in a population dictionary . Arrange the entries in ascending order and display all information on the output screen.

12) Write the python program using dictionary to accept the rollno and total marks scored Out of 100 by 5 students, print the rollnos of the students whose score is greater than 50.

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