

**Practical Examination 2020-2021**  
**Class-XI Computer Science (083) (Python)**

**List of Practical**

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| 1  | Write a program to calculate simple interest  |
| 2  | Write a program to display ASCII code of a character.   |
| 3  | Write a program in python to check a number whether it is even or odd.  |
| 4  | Take 20 integer inputs from user and print the following:<br>number of positive numbers<br>number of negative numbers<br>number of odd numbers<br>number of even numbers  |
| 5  | Write a program that asks the user how many Fibonnaci numbers to generate and then generates them.  |
| 6  | Write a python prog that calculate compound interest.   |
| 7  | Ask user to give integer inputs to make a list. Store only even values given and print the list.  |
| 8  | Write a program to input a character and to print whether a given character is an alphabet, digit or any other character.   |
| 9  | Write a program to calculate the factorial of an integer.   |
| 10 | Write a prog to read an integer list and print sum of the list.   |
| 11 | Write a prog that read a tuple and print the maximum number from the tuple.   |
| 12 | Write a prog inn Python, which should count and display the occurrence of alphabets A and M (including small cases a and m too) in a string.<br>prog should display the output as:<br>A or a:4<br>M or m :2   |
| 13 | Write a prog that convert temperature form Celsius to Fahrenheit and Fahrenheit to Celsius.   |
| 14 | Write a Python function to create and print a list where the values are square of numbers between 1 and 20 (both included).   |
| 15 | Write a python code to find length of a string without using len( ) function.   |
| 16 | Write a Python script to print a dictionary where the keys are numbers between 1 and 15 (both included) and the values are square of keys.<br>Sample Dictionary<br>{1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64, 9: 81, 10: 100, 11: 121, 12: 144, 13: 169, 14: 196, 15: 225} |
| 17 | Write a Python program to multiply all the items in a dictionary.   |
| 18 | Write a Python program to check whether an element exists within a tuple.   |
| 19 | Write a Python program to calculate the average value of the numbers in a given tuple of tuples.  |
| 20 | Write a program to generate random numbers between 1 to 6 and check whether a user won a lottery or not.  |

**Note: 1. Write Answers in Computer Science Practical Notebook.**