**List of Practicals (Object-Oriented Programming using C++)**

**Practical – VI C++ Lab**

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| **S No.** | **Title** | **Page No.** | **Signature** |
| 1 | WAP to calculate factorial of a number using **recursion** |  |  |
| 2 | WAP to print the Fibonacci number using **recursion** |  |  |
| 3 | WAP to calculate area and perimeter of circle by making function that **return more than one value** |  |  |
| 4 | WAP to show the concept of **function overloading** to find volume of cone, sphere and cylinder |  |  |
| 5 | WAP to calculate the area of circle using **inline function** |  |  |
| 6 | WAP to demonstrate the use of the **default arguments** to calculate volume of a box |  |  |
| 7 | WAP to calculate mean of n elements of an **array** |  |  |
| 8 | WAP to find the transpose of a matrix |  |  |
| 9 | WAP to add two matrices using functions |  |  |
| 10 | WAP to check whether a given string is palindrome or not |  |  |
| 11 | WAP to calculate average of n numbers of an array by **allocation and deallocation of memory using new and delete** |  |  |