# KENDRIYA VIDYALAYA ONGC CHANDKHEDA
## PRACTICAL FILE- COMPUTER SCIENCE (083)
### LIST OF PRACTICALS (2022-23)   CLASS-XII

| SN | NAME OF PRACTICAL | DATE |
|----|-------------------|------|
| 1 | Write a program in python to check a number whether it is prime or not. | 05/04/2022 |
| 2 | Write a program to check a number whether it is palindrome or not. | 06/04/2022 |
| 3 | Write a program to display ASCII code of a character and vice versa. | 12/04/2022 |
| 4 | Write a program to generate random numbers between 1 to 6 and check whether a user won a lottery or not | 13/04/2022 |
| 5 | Write a function SwapNumbers( ) to swap two numbers and display the numbers before swapping and after swapping. | 19/04/2022 |
| 6 | Write a program to compute GCD and LCM of two numbers using functions. | 20/04/2022 |
| 7 | Write a function FACT( ) to calculate the factorial of an integer. | 26/04/2022 |
| 8 | Write a program to read a text file line by line and display each word separated by '#'. | 28/06/2022 |
| 9 | Write a program to count the number of vowels/consonants/uppercase/lowercase character present in a text file. | 29/06/2022 |
| 10 | Write a program to find the most common words in a file. | 05/07/2022 |
| 11 | Write a program to count number of words in a file. | 06/07/2022 |
| 12 | Write a program to count the number of times the occurrence of 'is' word in a text file. | 12/07/2022 |
| 13 | Write a program to write those lines which have the character 'p' from one text file to another text file. | 13/07/2022 |
| 14 | Create a binary file with name and roll number of student and display the data by reading the file. | 19/07/2022 |
| 15 | Write a program to search a record using its roll number and display the name of student. If record not found then display appropriate message. | 20/07/2022 |
| 16 | Write a program to update the name of student by using its roll number in a binary file | 26/07/2022 |
| 17 | Write a program to delete a record from binary file. | 27/07/2022 |
| 18 | Write a program to read data from a csv file and write data to a csv file. | 02/08/2022 |
| 19 | Write a program to Create a CSV file by entering user-id and password, read and search the password for given user-id. | 09/08/2022 |
| 20 | Write a program to pass an integer list as stack to a function and push only those elements in the stack which are divisible by 7. | 16/08/2022 |
| 21 | Write a menu based program to perform the operation on stack in python. | 23/08/2022 |
|  | SQL Queries : |  |
| 22 | Queries using Create database, Show databases, USE, Create table, Show Tables, Describe, Rename, Alter, Select, From, Where, Insert, Update commands | 07/09/2022 |
| 23 | Queries using DISTINCT, BETWEEN, IN, LIKE, IS NULL, ORDER BY, GROUP BY, HAVING. | 13/09/2022 |
| 24 | Queries for Aggregate functions- SUM( ), AVG( ), MIN( ), MAX( ), COUNT( ) | 20/09/2022 |
| 25 | Write a program to connect Python with MySQL using database connectivity and perform the following operation on data in database: Create a table in database. | 27/09/2022 |
| 26 | Write a program to connect Python with MySQL using database connectivity and perform the following operation on data in database: Insert record in the table. | 28/09/2022 |
| 27 | Write a program to connect Python with MySQL using database connectivity and perform the following operation on data in database: Fetch records from the table using fetchone( ), fetchall() and fetchmany( ). | 04/10/2022 |
| 28 | Write a program to connect Python with MySQL using database connectivity and perform the following operation on data in database: Update record in the table | 05/10/2022 |
| 29 | Write a program to connect Python with MySQL using database connectivity and perform the following operation on data in database: Delete record from the table. | 11/10/2022 |