

Practical Syllabus for Class XII (2026-27)

Computer

Python Programming

- C1. Read a text file line by line and display each word separated by a #.
- C2. Read a text file and display the number of vowels/consonants/uppercase/lowercase character in the file.
- C3. Remove all the lines that contain the character 'a' in a file and write it to another file.
- C4. Create a binary file with name and roll number. Search for a given roll number and display the name, if not found display appropriate message.
- C5. Create a binary file with roll number, name and marks. Input a roll number and update the marks.
- C6. Write a random number generator that generates random numbers between 1 and 6 (simulates a dice).
- C7. Write a Python program to implement a stack using list.
- C8. Create a CSV file by entering user-id and password, read and search the password for given user id.

Database Management

*Create a student table and insert data. Implement the following SQL commands on the student table:

- C1. ALTER table to add new attributes/modify data type/drop attribute/modify data/drop attribute
- C2. UPDATE table to modify data
- C3. ORDER By to display data in ascending/descending order
- C4. DELETE to remove tuple(s)
- C5. GROUP BY and find the min,max,sum,count and average
 - Similar exercise may be framed for other cases.
 - Integrate SQL with Python by importing suitable module.

Physical Education

1. Fitness tests administration
2. Procedure for Asanas, Benefits and contradictions for any two Asanas for each lifestyle disease.
3. Procedure for administering senior citizen fitness test for 5 elderly family members.
4. Any one game of your choice out of the following list with labelled diagram of the field and equipment.

(Rules, Terminologies and skills)

- Athletics
- Basket Ball

- Cricket
- Hockey
- Football
- Volley Ball
- Hand Ball
- Badminton
- Kabaddi
- Kho-Kho **Accounts**
- Prepare a project file

Topic-Comprehensive study of a specific company.

Business studies

*Prepare a project file

Topic Principles of management

Or

Marketing Mix (choose any one product)

Like –

- a) Hair oil
- b) Chocolate
- c) Shampoo
- d) Car
- e) Moisturizer
- f) Tea

Economics

Prepare one project file (A-4sheets)

You can choose any topic from the CBSE syllabus or can choose from the same also:

1. Aggregate demand and aggregate supply
2. Global warming
3. National income
4. Green revolution
5. Indian economy on the eve of independence
6. Government budget