**BHAI JOGA SINGH PUBLIC SCHOOL**

**WINTER HOLIDAYS HOMEWORK**

**CLASS – XII (2021-2022)**

**SUBJECT: ENGLISH.**

Read the book – Better than Best Friends by Ahona Sandhu OR Something I never told you by ShravyaBhinder and make a slide show of about 10 – 12 slides including introduction, characters , theme and short detail of the book include a slide conveying the message ( if any ) . You should have a complete knowledge about the book . Questions will be asked while testing your speaking skills .

**विषय:हिन्दी।**

नोट -सभी कार्य एक A-4 शीट्स का प्रयोग कर फाइल में तैयार करे-

1. भारतीयसिनेमाजगतकीसंक्षिप्तजानकारी 100 शब्दों में लिखकर चित्र सहित फाइल में तैयार करें|
2. जनसंचार,मीडियाकाउपयोगएवंवर्तमानजीवनमेंसमाजपरप्रभावपरप्रोजेक्टतैयारकरें|
3. युवापीढ़ीऔरदेशकाभविष्यपरआलेखलिखिए |
4. आजकेविद्यार्थीकेसामनेचुनौतियाँपरफीचरलेखनलिखिए|

**SUBJECT: PUNJABI.**

ਗੁਰੂਗੋਬਿੰਦਸਿੰਘਜੀਆਪਣੇਜੀਵਨਕਾਲਵਿੱਚਆਪਣੇਪਿਤਾ, ਬੱਚੇ, ਤੇਮਾਤਾਵਾਰਕੇਸਰਬੰਸਦਾਨੀਗੁਰੂਅਖਵਾਉਣਦਾਮਾਣਹਾਸਲਕੀਤਾ।

ਇਨ੍ਹਾਂ ਸਰਬੰਸ ਦਾਨੀ ਗੁਰੂ ਜੀ ਦੇ ਜੀਵਨ ਤੇ ਚਾਨਣ ਪਾਉਂਦੇ ਹੋਏ ਇਕ ਸੁੰਦਰ ਪੋ੍ਜੇਕਟ Video ਤਿਆਰ ਕਰੋ

**SUBJECT: MATHAMATICS**

1. Make a power point presentation regarding the population of sikkim. Keep the following areas in your presentation –
   1. Rainfall rate along the year ( use bar graph)
   2. Pie chart of population of sikkim
   3. Ratio of area of Delhi and sikkim
   4. Major language spoken ( bar graph with diagram)
   5. Density of population ( Area/ population)
   6. Number of government schools at the elementary level from the year 2009 onwards ( Bar Graph)
   7. Population Trend ( Bar graph)
   8. Average death rate (Ratio)
2. Complete the mathematics lab activity file
3. Make a beautiful chart regarding the formulas of integrals

**SUBJECT: BIOLOGY**

* + 1. Prepare a investigatory project on any topic of biology
    2. Revise the chapters done so far.
    3. Complete your practical files.

**SUBJECT: PHYSICS.**

* + - 1. Finalise the soft copy of your project work
      2. Write Activity B2, B3, B4 from lab manual in your activity files
      3. Make a PowerPoint presentation on electromagnetic waves and their applications
      4. Make a chart on any one of the following topics :
         * Climate and weather conditions of sikkim
         * Hydro power plants located in sikkim
         * Types of forests in sikkim.

**SUBJECT: INFORMATION PRACTICE**

Data Management

1. Create a student table with the student id, name, and marks as attributes where the student id isThe primary key.
2. Insert the details of a new student in the above table.
3. Delete the details of a student in the above table.
4. Use the select command to get the details of the students with marks more than 80.
5. Find the min, max, sum, and average of the marks in a student marks table.
6. Find the total number of customers from each country in the table (customer ID, customerName, country) using group by.
7. Write a SQL query to order the (student ID, marks) table in descending order of the marks

**SUBJECT: PSYCHOLOGY –**

1. Chapter 4 – Psychological Disorders:

Notes to be completed in the notebook and worksheet to be done in the notebook as well.

1. Practical : Complete the written work of the third Practical on ruled sheets to be attached in your practical files. The work will be shared in the subject group on WhatsApp.

**SUBJECT: HISTORY.**

* State the causes of the Revolt of 1857 in regard with rumours and prophecies leading to the Revolt.

**SUBJECT: CHEMISTRY**

**#** Make a separate file chemistry for Term-II and do these experiments in your chemistry with the help of given videos in neat and legible handwriting.

>> Determination of one anion and one cation in a given salt.

( You can also refer your CBSE syllabus for the selection of cations and anions)

<https://youtu.be/5eBS6apmNL8b>

<https://youtu.be/qPjGbrd4nJw>

<https://youtu.be/IrMLXTw0528>

Note it down these short tricks for identification in your Chemistry file.

<https://youtu.be/yMChYvgTfkQ>

>>Content based experiment

* 1. Preparation of Inorganic Compounds

Preparation of double salt of Ferrous Ammonium Sulphate or Potash Alum. <https://youtu.be/r5F9Fnj8gSc>

Preparation of Potassium Ferric Oxalate.

<https://youtu.be/SilzJBCEins>

* 1. Tests for the functional groups present in organic compounds:

Unsaturation, alcoholic, phenolic, aldehydic, ketonic, carboxylic and amino (Primary) groups.

Note it down these short tricks for identification in your Chemistry file <https://youtu.be/YfRqtzkX6Kk>

1. <https://youtu.be/n4esSHxz_J8>
2. <https://youtu.be/BH5_7IYvcVE>
3. <https://youtu.be/Lxc8-INx5G0>
4. <https://youtu.be/j5jgMUWri8U>

**SUBJECT: POLITICAL SCIENCE.**

1. Prepare a table on a of any 1 National Political Party which came into existence since 1952. (Any one party)
   * The table could hold the following columns – Origin , Ideology, ElectoralResult, and famous policies
2. Prepare a poster showing negative and positive impacts of Globalisation on Indian economy.
3. Make a report on the latest projects introduced by our Prime Minister and their relevance in India’s development.

NOTE: The following should be done on A-4 Size sheets and compiled in a file.

**SUBJECT: ECONOMICS.**

* Revise all the syllabus done in the class.

**SUBJECT: ACCOUNTANCY**

* Do questions of chapter

“Retirement of a partner “ in Homework register and prepare this chapter for class test

**SUBJECT: BUSINESS STUDIES**

* Do questions of chapter “Controlling”” in hw Register
* Prepare thoroughly this chapter for class test

**SUBJECT: CS**

**Database Management**

**●** Create a student table and insert data. Implement the following SQL commands on the student table: o ALTER table to add new attributes / modify data type / drop attribute o UPDATE table to modify data o ORDER By to display data in ascending / descending order o DELETE to remove tuple(s) o GROUP BY and find the min, max, sum, count and average o Joining of two tables.

● Similar exercise may be framed for other cases.

● Integrate SQL with Python by importing suitable module**.**

● Create a student table and insert data. Implement the following SQL commands on the student table: o ALTER table to add new attributes / modify data type / drop attribute o UPDATE table to modify data o ORDER By to display data in ascending / descending order o DELETE to remove tuple(s) o GROUP BY and find the min, max, sum, count and average.

**SUBJECT: PHYSICAL EDUCATION.**

* Prepare project file on Yoga and General Motor Fitness Test.