

**BSF SR SEC SCHOOL JAMMU J&K**

**HOLIDAYS HOMEWORK**

**CHEMISTRY**

**PREPARE AN INVESTIGATORY PROJECT ON ANY ONE OF THE FOLLOWING TOPICS:**

1. SYNTHETIC DYES
2. DETERMINATION OF CONTENTS OF COLD DRINKS
3. ADULTERATION IN FOOD
4. EXTRACTION OF TURMERIC FROM CURCUMA LONGA
5. PRODUCTION OF SOYABEAN MILK FROM SOYABEANS
6. PERCENTAGE OF CASEIN IN DIFFERENT MILK SAMPLES
7. AMOUNT OF CAFFEINE IN VARIOUS TEA SAMPLES
8. TYPES OF MEDICINES
9. FERMENTATION OF MANGOES , WHEAT FLOUR ETC.
10. RUSTING OF IRON

**PHYSICS**

**HOLIDAYS HOMEWORK**

**PREPARE PROJECT FILE ON ANY ONE OF THE FOLLOWING TOPICS:**

1. REFRACTION OF LIGHT
2. MAGNETIC FIELD LINES
3. HALF WAVE RECTIFIER
4. FULL WAVE RECTIFIER
5. STEP DOWN TRANSFORMER
6. ELECTROMAGNETIC INDUCTION
7. AND Gate using NAND gate
8. OR gate using NAND gate
- NOT gate using NAND gate

**Holiday Home Work of Business Studies**

**CLASS-XII**

**(2018-2019)**

1. Revise and learn all the syllabus covered in the class.
2. Prepare a project report on any one of the following topic –
  1. Child labour
  2. Anti plastic complain
3. Revise case study related to the syllabus covered in class.

.....

**Holiday Home Work of Economics**

**CLASS-XII**

**Q1 Write and revise worksheet of following chapters**

- 1) **Introduction**
- 2) **Consumers equilibrium**
- 3) **Theory of Demand.**

**Class XII**  
**SUB : PHE**

1. Prepare the report, sampling of five each tests on a file Harward step test

Rockpot test  
Sit and reach test  
Rikli and Jones senior citizen fitness test

2. Discuss projectile, factors and angular moments.
3. Discuss mechanical analysis of walking and running.
4. (Write of your own) motivation techniques in sports.

**Class: XIIth**

**Subject: Computer Science**

- A Review of Class XI, Procedural Programming and Object Oriented Programming
- Similarities and differences between a structure and a class
- Define class with given descriptions as per Sample/previous annual papers along with constructors and destructor.
- Make a detail notes on Tokens in C++
- Make a list of Header files and their functions. Give example of each in C++
- Write a project using class and functions using the knowledge gained in Class XI computer Science.

.....

**Holidays Homework of CLASS XII of History (Session 2018-19)**  
**(Do this work on Assignment notebook) (With proper Index)**

1. Revise Lesson no. 1 to 4 from Themes in Indian History Part I & Lesson no. 5 & 7 of Book Themes Indian History Part II
2. Practise Maps of Each Lesson taught in the class and paste them in Assignment Notebook.
3. Go through the sources given in each Chapter taught in the Class and make at least 4 Questions with answers from each Source.
4. Write at least 15 Questions from each lesson done in the Class other than Textual Questions given at the end of each lesson.
5. Come prepared for the class tests.
6. Go through the board papers from 2008 to 2016

---

HOLIDAYS    HOMEWORK

CLASS-12

SUBJECT- GEOGRAPHY

1. Give three reasons for the countries with low human development index value.
2. What is human development? Explain the four major approaches of human development.
3. Explain the concept of Possibilism with suitable examples.
4. 'Development is a qualitative change, which is always value positive.' Evaluate it citing suitable examples.
5. Define neo-determinism and support your answer with the concept of traffic signal.
6. Pyramid with bell shape and tapered towards top is associated with constant population. Explain.
7. Equality is one of the most important pillars of human development. Explain any three human values that are required to give access to opportunities to everybody.
8. Describe in brief the different trends of population growth in the world from early period to modern world.
9. Write a brief account of growth of adolescent population and mention the problems of this population. What steps have been taken by the government?

\* विषय - हिंदी, कक्षा बारहवीं \*

- प्र० 1- अक्षरानुसार पाठ का सारांश अपने शब्दों में लिखिए।
  - प्र० 2- दो अर्पित गद्यांश व काव्यांश प्रश्न-उत्तर सहित लिखिए।
  - प्र० 3- किन्हीं दो विषयों पर निबंध लिखिए।
  - प्र० 4- विज्ञान पाठ्य पुस्तक के दो पाठों को याद करें।
  - प्र० 5- अपनी पाठ्य पुस्तक के दो गद्यांश व काव्यांश प्रश्न-उत्तर सहित
  - प्र० 6- किन्हीं चार विषयों पर औपचारिक या अनौपचारिक पत्र लिखिए।
-