



# KAMAL MODEL

SR. SEC. SCHOOL MOHAN GARDEN

विद्या विनियोगात् विकासः

- SCIENCE
- COMMERCE
- HUMANITIES

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## HOLIDAY HOMEWORK

### Science

#### ENGLISH

##### Task 1: Classified Ads

You can find classified ads in newspapers under categories like:

- For Sale
- Situation Wanted
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- Situation Vacant
- Tour and Travels
- Matrimonial

Paste cut outs of advertisement (2each) in your notebook

##### Task 2: Note Making

For Note Making on "The Portrait of a Lady" or "The Summer of the Beautiful White Horse," include:

- Introduction to the chapter
- Main characters
- Key incidents
- Themes
- Symbolism
- Author's perspective
- Conclusion

### Task 3: Unseen Passages:

Complete three unseen passages with answers, focusing on:

- Comprehension
- Vocabulary
- Contextual understanding

### Task 4: Flashcards

Create five flashcards on poetic devices, including:

- Definition
- Examples

### **HINDI CORE**

पाठ

1. नमक का दारोगा 15 एमसीक्यू
2. मियां नसीरुद्दीन 10 एमसीक्यू
3. मीरा .
- 4- कबीर

- कविता के 10- 10 एमसीक्यू

बनाएं

5. निम्नलिखित में से किसी एक विषय पर लिखें (200 शब्दों में)

--हिंदी साहित्य का इतिहास

-- हिंदी में रोजगार के अवसर

-- आधुनिक कालीन कवि

-- नई कविता की विशेषताएं

-- भारतीय ज्ञानपीठ पुरस्कृत हिंदी साहित्यकार

-- कबीर का व्यक्तित्व और कृतित्व

--उपन्यास सम्राट प्रेमचंद

- हिंदी गद्य विधाएं
- कृष्ण भक्ति काव्य और मीरा

### **HINDI ELECTIVE**

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1. ईदगाह 15 एमसीक्यू
2. दोपहर का भोजन 10 एमसीक्यू
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### **PHYSICS**

- 1.) Study a recent research report (in physics) and prepare a presentation on the following-
  - a) How to write a research report.
  - b) what you have understood from your report?

c) what are the applications of it?

2.) Find out a problem and come-up with a solution (Application of physics principle), Do the followings-

a) prepare a power point presentation

b) prepare a report

c) prepare for interrogation.

(Group work for 9-10 groups)

Note- ppts and report file should be submitted in a separate pen drive

3.) complete the assignments based on chapter 1 and 2

### CHEMISTRY

<u>S. No.</u>	<u>ACTIVITY</u>	<u>TOPIC/ CHAPTER</u>
1.	<u>Learn and write first 30 elements (1-30, in Periodic Table)</u>	<u>NAME</u>
		<u>ATOMIC NUMBER</u>
		<u>ATOMIC MASS</u>
2.	<u>50 one-word questions of each chapter to be framed from NCERT and written in the notebook along with answers.</u>	<u>SOME BASIC CONCEPTS OF CHEMISTRY</u>
3.	<u>Prepare the CBSE investigatory project which has already been discussed in the class.</u>	
4.	<u>Write the given experiments (of Lab Manual), in Practical File.</u>	

### MATHS

1. Maths project and activities

Do the following Activities from lab manual

Activities number 1,3,5,7,11,14 and 15

2. Write down all the trigonometric identities on designer A4 sheets and learn it.
3. Do all the examples and miscellaneous exercise questions of ch. Sets , relation and functions

## **BIOLOGY**

**1.Prepare a project on the topic assigned**

**2. Prepare 10 Mcqs, 10 one word, 10 fill ups from all the chapters covered till now ie ch1, 2,4,5 on A 4 size sheets**

**3. Practical file - Write down experiment 1- study of different parts of compound microscope.**

**4. Prepare a model on any one topic-**

**1.One organism of animal kingdom - roll no 1to 10**

**2. Structure of flower/ - roll no 11to 20**

**3. Digestive system of frog - roll no 21 to last roll number**

**Guidelines for project work-**

1. An attractive cover page depicting topic of project, your name, class, section, roll number
2. Acknowledgement- Format will be shared
3. Certificate -Format will be shared
4. Aim- Topic of project to be mentioned
5. Objective- Reasons for selection of project to be mentioned
6. Content/ index- Sequence of detailed in tabular form (information to be explained in project)
7. Detailed information mentioned in index
8. Result/ conclusion
9. Bibliography

**Important point –**

- 1. Attractive images/ Pictures should be pasted on all pages except certificate, acknowledgement, index, bibliography**
- 2. Cover page must have catchy image/ picture related to topic.**

### **DRAWING**

**Make two posters on an A3 size sheet.**

- International yoga day**
- World population day**
- Nurture your body, Nourish your soul**
- Say no to overpopulation**

**Judgment criteria**

- Creativity**
- Originality and Innovation technique and skill**
- Interpretation of theme**
- Overall presentation**

### **PSYCHOLOGY**

- \* Prepare a chart on the scope of Psychology in INDIA. (use A 4 size sheets)**
- \* Observe five people behaviour (don't mention his/her name and identity) write your observations about them in 200 words. You can include his/her mental process, experience and behaviour.**
- \* Watch any movie on psychological issues and write a summary in 500 words.**
- \* Read a Book " Thinking Fast and Slow" by DANIEL KAHNEMA" and write the review in 300 words**

## **Physical Education**

### **\*Practical 1: Physical Fitness Test\***

- **\*SAI Khelo India Test\***
  - 50m dash
  - 600m run
  - Standing broad jump
  - Sit and reach
  - Push-ups (boys) / Sit-ups (girls)
- **\*Brockport Physical Fitness Test (BPFT)\***
  - 1-mile walk test
  - Push-up test
  - Curl-up test
  - Trunk lift test
  - 40-yard dash

### **\*Instructions\***

1. Conduct the SAI Khelo India Test and record your scores.
2. Research and understand the Brockport Physical Fitness Test (BPFT) and its components.
3. Compare and analyse the two tests.

### **\*Practical 2: Proficiency in Games and Sports\***

- **\*Choose an IOA recognized Sport/Game\***
  - Select a sport/game of your choice (e.g., basketball, football, cricket, etc.)
  - Practice and improve your skills in the chosen sport/game
  - Record your progress and reflect on your learning

### **\*Instructions\***

- 1. Choose a sport/game and practice its skills regularly.**
- 2. Record your progress and identify areas for improvement.**
- 3. Reflect on your learning and write a short report.**

### **\*Practical 3: Yogic Practices\***

#### **- \*Asanas\***

- Practice and master 5-7 asanas (e.g., Tree Pose, Downward-Facing Dog, Cobra Pose, etc.)**

- Record your progress and note any benefits or challenges**

#### **- \*Pranayama\***

- Practice and master 2-3 pranayama techniques (e.g., Bhastrika, Kapalabhati, etc.)**

- Record your progress and note any benefits or challenges**

### **\*Instructions\***

- 1. Practice and master the selected asanas and pranayama techniques.**
- 2. Record your progress and note any benefits or challenges.**
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### **Submission Guidelines**

- 1. Complete all three practical's and record your findings in a Physical Education practical file.**
- 2. Ensure your work is neat, organized, and well-presented.**
- 3. Submit your practical file on the designated date.**



**By completing these practical's, you will develop a deeper understanding of physical fitness, games, and sports, as well as yogic practices. Have a great summer break!**

### **INFORMATION TECHNOLOGY**

- 1. Solve PT1 paper and write in your copy.**
- 2. Make notes in your copy on Green Skills Chapter.**
- 3. Make notes of Entrepreneur Skills in your notebook.**
- 4. Ensure that your notebook has the following:**

**Notes on 4 Sessions of Computer Organization Chapter and its Q/A.**

**Notes on ICT Skills Chapter and its Q/A.**

### **COMPUTER SCIENCE**

- 1. Do 10 programs from given practical file**
- 2. Do one project of XI standard in Python from the topic like**
  - a. Rock Paper Scissor**
  - b. Tic tac toe**
  - c. Ludo Dice (Random Number generation) etc**

**Many more topics are there, search from the Internet.**

- 3. Complete your copy if incomplete. Ensure that following chapters are there**
  - Getting started with Python (PPT, Class Work and Solved Q/A)**
  - Python Fundamentals (PPT, Class Work and Solved Q/A)**
  - Data Representation (Class Work and Solved Q/A)**
  - Boolean Algebra (Class Work and Solved Q/A)**

### **HEALTHCARE**

- 1. Do project work in separate A4 size sheet file. Make a project on any topic of your textbook. Learn it for viva also.**
- 2. Report writing- Write a report on how to conduct examination of various body organs- Eyes, ears, nose, throat, neck, chest. Draw or paste pics of devices or tools used for testing these organs.**

**(Refer to unit 2 L 3 of textbook)**

- 3. Make a poster of medical hand washing techniques and write about the steps to be followed. Also describe its importance through a presentation.**

**(Refer unit 1 L 4 of textbook)**

# **HOLIDAY HOMEWORK**

## **COMMERCE**

### **ENGLISH**

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## **MATHS**

4. Maths project and activities

Do the following Activities from lab manual

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## **ECONOMICS**

1. Solve all the exercise questions from your book related to chapter no. 1,3 and 4
2. Frame MCQ , statement based questions, Assertion reason, True-False and match the following questions from all the three chapters( at least 20 questions from each chapter)
3. Draw colourful mindmaps and flow charts related to your topics
4. Draw all the diagrams neat and clean in your notebooks related to chapter no. 6 and 7 of your statistics book

## **FMM**

Q1) prepare the colorful mind maps of chapter 1 and chapter 2 in your notebook

Q2) make the MCQs of ch-1 and ch-2 in your fair register [20 MCQs from each chapter]

Q3) prepare the project file on the topics given to you in the class:-

## **XI-E**

S. no.	Topics for project file	Name of the students
1	Project on SEBI	Aayushman,harshit Rajput,prince,yash ,ayush,harshmeet,tanish, rudra,akshad
2	Practices of Mutual Funds	Aniket,Swapnil,devansh,s amarveer,mayank Bangari,harshit papani, Mangalam,Shivansh

3	Working of Stock exchange in India	Ankit,abhinav,kalash, lakshay,mayank mishra,abhay,krish, nishant,brahmpreet
4	Mutual funds and it's structure	Divya,Kavya,Simran, Vaishnavi,Mahika,Riva, Neelakshi,Riya,Tanvi,Tanya

### XI-F

S no	Topics for project file	Name of the students
1	<b>Project on SEBI</b>	Aditya bharti, harsh,krish, dipanshu, bhuvan,somyash, Daksh
2	Practices of Mutual fund	Akshara, Riddhima, Vishaka, Tanmay,subojeet,kanak, Arpita
3	Working of Stock exchange in India	Anshuman,naman ahuja, naman kumar, tanay, himal,Jainish, Shantanu
4	Mutual fund and it's structure	Ayansh,Ritvik, nisha, tejasvi, garima, rahul, pushkal,vikas,Surendra

## XI-I

S no	Topics for project file	Name of the students
1	Project on SEBI	Aaditya Sharma,Sayantan, Gaurav, Nishtha, Riya Sharma , Gunjan, Manik , Daksh , Shubham
2	Practices on mutual funds	Aarush Kumar,Riya Senwal, Ishita , Rupa , Vanshika, Lakshay, Mayank, Ayush Kuma mandal , Vansh adhikari
3	Working of Stock Exchange in India	Amit , Vansh ,Aman,Prithvi , Rohan ,Ganesh , Ayush Jha ,Jai , Garv
4	Mutual funds and it's structure	Ananya, Ananya keshri, Ishika, Shreya,Khushi,Navya, Unnati , Mohit,Ravi Rawat

### DRAWING

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**Judgment criteria**

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## **BUSINESS STUDIES**

- 1. Make the project on the assigned topic and also make PPT on the same. Project must show the original survey and research work. It should be supported with photographs and decorated.**
- 2. Complete your Business Studies notebook.**
- 3. Read NCERT book and make four MCQ questions on each of the following topics**
  - a. Characteristics of business**
  - b. Types of industries**
  - c. Auxiliaries to trade**
  - d. Sole proprietorship**
  - e. Joint Hindu Family business**
  - f. Cooperative Society**
- 4. Think of new business idea and make PPT showing your product, Brand name, logo, tagline, USP, promotional strategy, Price, Packaging., Label, Channel of distribution etc**
- 5. Do self-assessment test from chapter 1, 2 and 5**

## **Physical Education**

- \* Prepare a chart on the scope of Psychology in INDIA. (use A 4 size sheets)**
- \* Observe five people behaviour (don't mention his/her name and identity) write your observations about them in 200 words. You can include his/her mental process, experience and behaviour.**
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## **Subject- Physical Education**

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### **ACCOUNTANCY**

**(1) Do all the MCQ questions of chapter No.1,2 and 3**

**(2) Make a Project File**

**Reference Book: T.S. Grewal**

### **INFORMATICS PRACTICES**

List of Practical 2025-26

S.no	Practical	Date	Signature
1.	Write a python program to input two numbers and display their sum, subtraction, product and division.		
2.	Write a python program to input two numbers and display the larger/ smaller number.		
3.	Write a python to input three numbers and display the largest/ smaller number.		
4.	Generate the following patterns using nested loop: -  A		

	AB ABC ABCD ABCDE		
5.	Write a program to determine whether a number is an Armstrong number.		
6.	Write a program to input a number and check if the number is a prime or not?		
7.	Write a program to display the 'n' terms of a Fibonacci series.		
8.	Write a python program to compute the greatest common divisor of two nos.		
9.	Write a program to count and display the number of vowels, consonants, uppercase, lowercase character in string.		
10.	Write a program to input a number and check it is palindrome or not.		
11.	Write a program to count frequency of a given element in a list of numbers.		

	<p>If the list contains (1,1,1,2,2,5,5,2,2,5)</p> <p>Enter element: 2</p> <p>Output: 2 have frequency as 6 in given list.</p>		
12.	Write a program to input a string and display how many words are there?		
13.	Write a program to form a list. Enter an element and search it is there in the list or not? If it is found then print its index.		
14.	WAP to remove all odd numbers from the given list. If the list is having (2,5,6,7,9,8) then the output will be (2,6,8)		
15.	WAP in python to find and display the sum of all values which are ending with 3 from a list.		
16.	WAP to accept values from user and create a tuple		
17.	Write a python program to input names of 'n' countries and their capital and currency, store it in a dictionary and display in tubular form. Also search and display for a particular country.		

18.	Write a program that creates a tuple storing first 9 terms of Fibonacci series.		
19.	Write a program that creates a two tuple and creates a third that contains all elements of the first followed by all elements of the second.		
20.	Write a program that takes a value and checks whether the given value is part of given dictionary or not. If it is, it should print the corresponding key otherwise print an error message.		

- 1) Do Programs 1-10 in Holiday Homework.
- 2) Solve PT1 paper and write in your IP Register.

## HOLIDAY HOMEWORK

# **Holiday Homework**

## **HUMANITIES**

### **ENGLISH**

#### Task 1: Classified Ads

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9. Do all the examples and miscellaneous exercise questions of ch. Sets , relation and functions

## **ECONOMICS**

5. Solve all the exercise questions from your book related to chapter no. 1,3 and 4
6. Frame MCQ, statement-based questions, Assertion reason, True-False and match the following questions from all the three chapters (at least 20 questions from each chapter)
7. Draw colourful mind maps and flow charts related to your topics
8. Draw all the diagrams neat and clean in your notebooks related to chapter no. 6 and 7 of your statistics books

## **DRAWING**

**Make two posters on an A3 size sheet.**

- International yoga day
- World population day
- Nurture your body, Nourish your soul
- Say no to overpopulation

**Judgment criteria**

- Creativity
- Originality and Innovation technique and skill
- Interpretation of theme
- Overall presentation

## **VOCAL MUSIC**

1. इन सभी का विवरण लिखें और याद करें ।  
श्रुति, नाद, सप्तक, लय, थाट
2. इन तालों का विवरण, ठाह, दुगुन, तिगुन और चौगुन लिखें और बनाएं ।  
1. एकताल, 2. चारताल, 3. तीनताल
3. इन रागों का विवरण याद करें और लिखें ।  
1. भीमपलासी 2. भैरवी 3. बिहाग
4. तानपुरे का चित्र बनाने के साथ उसके अंग को दर्शाएं ।

## **GEOGRAPHY**

### **1. Map Work (Physical Geography Focus)**

- **Assignment: Locate and label the following on an outline map of the world in Scrap Book:**
  - Major plates and their boundaries
  - Fold mountains: Himalayas, Rockies, Andes, Alps
  - Important rivers of the INDIA and world
  - Any 5 active volcanoes and earthquake-prone zones

### **2. NCERT Book Revision Work**

- **Chapters:**
- **Landforms and their evolution: roll no. 1-5**
- **Geomorphic processes: roll no. 6-10**
- **Biodiversity and conservation: roll no. 11-15**
- **Natural disasters and hazards: roll no. 16-20**
- **World climate and climate change: roll no. 20-25**
- **Activity: Make 1–2-page handwritten summary for each chapter**
  - Highlight key concepts
  - Add a diagram or flowchart per chapter
  - make PPT individually (each student)

## **PSYCHOLOGY**

**\* Prepare a chart on the scope of Psychology in INDIA. (use A 4 size sheets)**

**\* Observe five people behaviour (don't mention his/her name and identity) write your observations about them in 200 words. You can include his/her mental process, experience and behaviour.**

**\* Watch any movie on psychological issues and write a summary in 500 words.**

**\* Read a Book " Thinking Fast and Slow" by DANIEL KAHNEMA" and write the review in 300 words**

### **Physical Education**

#### **\*Practical 1: Physical Fitness Test\***

- **\*SAI Khelo India Test\***
  - 50m dash
  - 600m run
  - Standing broad jump
  - Sit and reach
  - Push-ups (boys) / Sit-ups (girls)
- **\*Brockport Physical Fitness Test (BPFT)\***
  - 1-mile walk test
  - Push-up test
  - Curl-up test
  - Trunk lift test
  - 40-yard dash

#### **\*Instructions\***

- 1. Conduct the SAI Khelo India Test and record your scores.**
- 2. Research and understand the Brockport Physical Fitness Test (BPFT) and its components.**
- 3. Compare and analyse the two tests.**

#### **\*Practical 2: Proficiency in Games and Sports\***

- **\*Choose an IOA recognized Sport/Game\***
  - **Select a sport/game of your choice (e.g., basketball, football, cricket, etc.)**

- Practice and improve your skills in the chosen sport/game
- Record your progress and reflect on your learning

#### **\*Instructions\***

1. Choose a sport/game and practice its skills regularly.
2. Record your progress and identify areas for improvement.
3. Reflect on your learning and write a short report.

#### **\*Practical 3: Yogic Practices\***

##### **- \*Asanas\***

- Practice and master 5-7 asanas (e.g., Tree Pose, Downward-Facing Dog, Cobra Pose, etc.)

- Record your progress and note any benefits or challenges

##### **- \*Pranayama\***

- Practice and master 2-3 pranayama techniques (e.g., Bhastrika, Kapalabhati, etc.)

- Record your progress and note any benefits or challenges

#### **\*Instructions\***

1. Practice and master the selected asanas and pranayama techniques.
2. Record your progress and note any benefits or challenges.
3. Reflect on your learning and write a short report.

#### **Submission Guidelines**

1. Complete all three practical's and record your findings in a Physical Education practical file.
2. Ensure your work is neat, organized, and well-presented.

**3. Submit your practical file on the designated date.**

**By completing these practical's, you will develop a deeper understanding of physical fitness, games, and sports, as well as yogic practices. Have a great summer break!**

### **INFORMATION TECHNOLOGY**

**5. Solve PT1 paper and write in your copy.**

**6. Make notes in your copy on Green Skills Chapter.**

**7. Make notes of Entrepreneur Skills in your notebook.**

**8. Ensure that your notebook has the following:**

**Notes on 4 Sessions of Computer Organization Chapter and its Q/A.**

**Notes on ICT Skills Chapter and its Q/A.**

### **INFORMATICS PRACTICES**

List of Practical 2025-26

S.no	Practical	Date	Signature
21.	Write a python program to input two numbers and display their sum, subtraction, product and division.		

22.	Write a python program to input two numbers and display the larger/ smaller number.		
23.	Write a python to input three numbers and display the largest/ smaller number.		
24.	Generate the following patterns using nested loop: - A AB ABC ABCD ABCDE		
25.	Write a program to determine whether a number is an Armstrong number.		
26.	Write a program to input a number and check if the number is a prime or not?		
27.	Write a program to display the 'n' terms of a Fibonacci series.		
28.	Write a python program to compute the greatest common divisor of two nos.		



29.	Write a program to count and display the number of vowels, consonants, uppercase, lowercase character in string.		
30.	Write a program to input a number and check it is palindrome or not.		
31.	<p>Write a program to count frequency of a given element in a list of numbers.</p> <p>If the list contains (1,1,1,2,2,5,5,2,2,5)</p> <p>Enter element: 2</p> <p>Output: 2 have frequency as 6 in given list.</p>		
32.	Write a program to input a string and display how many words are there?		
33.	Write a program to form a list. Enter an element and search it is there in the list or not? If it is found then print its index.		
34.	WAP to remove all odd numbers from the given list. If the list is having (2,5,6,7,9,8) then the output will be (2,6,8)		

35.	WAP in python to find and display the sum of all values which are ending with 3 from a list.		
36.	WAP to accept values from user and create a tuple		
37.	Write a python program to input names of 'n' countries and their capital and currency, store it in a dictionary and display in tubular form. Also search and display for a particular country.		
38.	Write a program that creates a tuple storing first 9 terms of Fibonacci series.		
39.	Write a program that creates a two tuple and creates a third that contains all elements of the first followed by all elements of the second.		
40.	Write a program that takes a value and checks whether the given value is part of given dictionary or not. If it is, it should print the corresponding key otherwise print an error message.		

3) Do Programs 1-10 in Holiday Homework.

4) Solve PT1 paper and write in your IP Register.

## **HISTORY**

**“Here's to a summer vacation that's a time for making memories trying new things and embracing new experience that enrich your life”**

**Make History project according to given instructions**

**Instructions:-**

- Use A-4 size sheets.**
- Arrange all sheets in one file.**
- Make history project according to your roll no.**

<b>Sr.No.</b>	<b>Chapter Name</b>	<b>Roll no. of stu. -11<sup>th</sup> H</b>
<b>1</b>	<b>Ch-1Writing and City Life</b>	<b>1 to 5</b>
<b>2</b>	<b>Ch- 2An Empire Across Three Continents</b>	<b>6 to 8</b>
<b>3</b>	<b>Ch-4 The Three Orders</b>	<b>9 to 11</b>
<b>4</b>	<b>Ch-5Changing Cultural Traditions</b>	<b>12 to 14</b>
<b>5</b>	<b>Ch-6 Displacing Indigenous People</b>	<b>15 to 17</b>
<b>6</b>	<b>Ch-7Path to Modernisation</b>	<b>18 to ...</b>

- Complete your Notebook work**
- Read and Learn chapter 1,2.**
- Read Ch. An Empire Across Three Continents.**

**Choose any one topic and make any one: -**

**Poster, Collage, PPT, Documentary.**

## **HOME SCIENCE**

- 1. On A4 size sheets draw the mind maps of all the chapters. (to be pasted later in register)**
- 2. Prepare any two nutritious traditional snacks for school going children using millets Make a video and send it to me.**
- 3. Prepare any two beverages to beat the heat of summers. Make a video & share in the HSc group.**
- 4. Make a 3-dimensional model of the food guide pyramid.**
- 5. Complete the notes of L 1,2,3,4 in register.**
- 6. Learn the work done till date.**

## **POLITICAL SCIENCE**

### **HOLIDAY HOMEWORK POLITICAL SCIENCE CLASS-XI**

Complete Political Science CBSE project file based on the following schedule: -

#### **Part-A**

Ch-1	Constitution: Why and how?	Roll no. 1-3
Ch-2	Rights in the Indian Constitution	Roll no. 4-6
Ch-3	Election and Representation	Roll no. 7-9
Ch-4	Executive	Roll no. 10-12
Ch-5	Legislature	Roll no. 13-15
Ch-6	Judiciary	Roll no. 16-18
Ch-7	Federalism	Roll no.

Ch-8	Local Governments	19-21 Roll no. 22-24
Part-B		
Ch-2	Freedom	Roll no. 25-27
Ch-3	Equality	Roll no. 28-30
Ch-4	Social Justice	Roll no. 31-33
Ch-5	Rights	Roll no. 34-36
Ch-7	Citizenship	Roll no. 37-40

\*The files should be prepared individually and Not in groups.  
Let's revise and learn the syllabus up to May. Focus on key topics and concepts to ensure a strong understanding.