

CLASS X HOLIDAYS HOMEWORK 2025-26

ENGLISH

1. [Roll No.: 1-25] In view of the 'International Year of Cooperatives', pen down a persuasive essay on the topic 'The Importance of Cooperatives in the 21st Century'. Explore the cues like, relevance of cooperative model in today's world, addressing challenges like inequality, climate change, economic stability through cooperative model, etc. in your essay.
Do this on an A4 sized sheet.

[Roll No.: 26 onwards] In view of the 'International Year of Cooperatives' write down a self composed poem on Cooperatives that celebrates the values of cooperatives, focusing on themes like unity, sharing, community, and building a better world.
Do this on an A4 sized sheet.

2. Assignment Booklet for all the topics covered so far to be solved in a fair English language notebook.

हिंदी

निम्नलिखित कार्य पोर्टफोलियो फाइल हेतु A4 शीट पर कीजिए -

1. कबीर की साखियों के भाव साम्य पाठ्येतर चार दोहे लिखिए।
2. किन्ही तीन महिला स्वतंत्रता सेनानियों पर चित्र सहित संक्षिप्त जानकारी लिखिए।
3. तीसरी कसम पाठ में प्रयुक्त मुहावरों और समास पर आधारित समास -चक्र एवं मुहावरा -चक्र बनाइए।
4. मीरा के पद पर आधारित श्री कृष्ण के रूप सौंदर्य का वर्णन करते हुए प्रवाह सचित्र बनाइए।
5. ततांरा के चारित्रिक गुणों पर आधारित मीन आरेख (फिश टेल)।
6. राजा रांति देव, महर्षि दधीचि, राजा कर्ण व राजा शिवि की संक्षिप्त जानकारी चित्र सहित लिखिए।

निम्नलिखित अनुच्छेद व्याकरण की कॉपी में 120 शब्दों में लिखिए

1. ग्लोबल वार्मिंग: सबकी चिंता का विषय
2. स्टार्टअप इंडिया - युवाओं के लिए वरदान
3. रसमय जीवन स्वस्थ जीवन

प्रथम सत्रीय परीक्षा हेतु पाठ्यक्रम की पुनरावृत्ति कीजिए

SANSKRIT

1. सत्त्व, रजस्, तमस् – तीन गुणों पर चार्ट/लेख (गीता 14.5, 14.20) चार्ट बनाएं।

रोल नंबर: 1-10

2. अणु व परमाणु की संरचना (गीता 8.9)

रोल नंबर: 11–20

3. प्रकृति और पुरुष की रचना (गीता 3.27, 13.20)

रोल नंबर: 21–30

4. पंचमहाभूत (भूमि, जल, अग्नि, वायु, आकाश) पर चार्ट व चित्र

रोल नंबर: 30–40

(तैत्तिरीय उपनिषद् आदि से)

5. वैदिक फिजिक्स – क्या समझते हैं? (A3 शीट पर)

रोल नंबर: 40–52

-गतप्रश्नपत्र हल कुरुत :

MATHS

1. Do the assignments of the following chapters in assignment register-

Ch - 1 Real numbers

Ch - 2 Polynomials

Ch- 3 Pair of linear equations in two variables

Ch - 4 Quadratic Equations

Ch - 8 Introduction to Trigonometry

2. Do the activity of Pair of Linear Equations in two Variables in activity file.

3. Create the mind maps of the following chapters in the activity file-

A. Introduction to Trigonometry(Compulsory)

B. Real Numbers/ Polynomials/ Pair of Linear Equations in two variables/ Quadratic Equations(Choose 1 out of 4)

4. Prepare for the Term - 1 Examination.

SCIENCE

PHYSICS

1. Revise the chapter "Electricity" thoroughly, covering key topics like:

- Electric current and circuit
- Ohm's Law and resistance
- Series and parallel circuits
- Electrical power and energy
- Heating effects of electric current

2. Complete all NCERT intext and back exercise questions for the chapter Electricity in your fair notebook.
3. Solve the Electricity assignment from your assignment booklet and write it neatly in your fair notebook.
4. Create a Crossword Puzzle on an A4-size pastel sheet based on Electricity. Your puzzle should include:
 - Important terms (e.g., voltage, resistance, power, circuit)
 - Definitions or clues related to electrical concepts
 - A neatly organized puzzle grid with an answer key

CHEMISTRY

1. Revise for the Term 1 examinations.
2. Do the assignments of chapter 1 and 2 from the assignment booklet in the fair notebook.
3. a) Enlist the following Chemical properties of Acids and Bases along with two examples of each.
 - Reaction with metals
 - Reaction with metal carbonates
 - Reaction with metal hydrogen carbonates
 - Reaction between acid and base.
 - Reaction with metal oxide
 - Reaction with non metal oxide.
- b) Make a table of natural, synthetic and olfactory indicators stating the colour changes that are produced in them in acidic and basic medium.

BIOLOGY

1. Revise Chapters : (For FIRST TERM EXAM in July)
 - “Life processes and Control and coordination”
2. Complete your notebooks and practical file.
3. Solve the assignment given for Life processes in a fair notebook.
4. Portfolio: Draw neat labelled diagrams on A4 sheets of the following:

- | | |
|----------------------------------|----------------------------|
| a. Transverse section of leaf | b. Open and closed stomata |
| c. Human digestive system | d. Respiratory system |
| e. Human heart | f. Excretory system |
| g. Detailed structure of nephron | h. Reflex Arc |
| i. Human brain | |

NOTE: Keep them safely for the portfolio in a folder.

Presentation Guidelines:

- Keep all sheets organized and in order (Physics → Chemistry → Biology).
- Use A-4 size sheets for written work and activities.
- Tie all completed homework together using a ribbon only (no stapler or binder clips).

SOCIAL STUDIES

1. Complete all the given Assignments.
2. Learn all the Question-Answers for Term-1 Examination
3. Make a Project File on the following topics given by CBSE. The file should have good content related pictures and proper introduction and conclusion. The topics are-
 - 10A - Consumer Rights
 - 10B - Sustainable Development
 - 10C - Social Issues
 - 10D - Social Issues
 - 10E - Consumer Rights
 - 10F - Sustainable Development

INFORMATION TECHNOLOGY

1. Complete the practicals of digital Documentation in your file.
2. Learn Ch1 & Ch2 of Digital Documentation.
3. Read Ch 3 Information & Communication Technology Skills. (Employability Skills)

ARTIFICIAL INTELLIGENCE

All questions to be written by hand in your Practical File.

1. Write a Python program to input the length and breadth of a rectangle and calculate its area.
2. Write a Python program to input the side of a square and calculate its perimeter.
3. Write a Python program to input the base and height of a triangle and calculate its area.

4. Write a Python program to input the principal amount, rate of interest, and time period, then calculate the simple interest.
5. Write a Python program to input a number and determine whether it is even or odd.
6. Write a Python program to input a number and check whether it is positive, negative, or zero.
7. Write a Python program to input two numbers and print the greater number.
8. Write a Python program to input three numbers and print the greatest number.
9. Write a Python program to input the age of a person and check whether they are eligible to vote (age ≥ 18).
10. Write a Python program to accept a student's percentage and display their grade based on the following criteria:

Percentage	Grade
90-100	A
80-89	B
70-79	C
LESS THAN 70	D

11. Write a Python program to take the name of a city as input and display the famous monument located in that city. Use the reference table below:

City	Monument
Delhi	India Gate
Agra	Taj Mahal
Mumbai	Gate way of india
Hyderabad	charminar
Kolkata	Victoria Memorial

12. Write a python program to accept three sides of a triangle and check whether its isosceles, scalene or equilateral.

13. Write a python program to accept three numbers and show the second largest number.

PHYSICAL ACTIVITY TRAINER

Complete following in a file from subject specific skills book.

1. Activities included in physical education program page 12
2. Lesson plan given on page 56,57
3. Create an agenda for assembly page 28 tabular form
4. Task to be done during and after the assembly page 29, 30
5. Sample PTM invitation letter page 34 both letters
6. Parent feedback form sheet page 35
7. Components of fitness page 39
8. BMI table complete with any five readings of BMI page 40
9. Skill related components page 42
10. Sample report card page 51
11. List of common equipment with usage page 63,69
 - i. Any two throwing and catching equipments
 - ii. Any two use to Mark boundaries
 - iii. Any two use for target practice
 - iv. Any two use for storage of props
 - v. Any two equipments used for jumping activities
 - vi. Bib, relay baaton ,sit and reach box ,medicine ball
12. Audit sheet page 72

PERFORMING ART (Art and Craft Students only)

Topic- Peace(Poster/Painting)

Size- A3 size Sheet

Colour- Any Medium (Poster colours, Watercolours, Pencil, Oil Pastels.)