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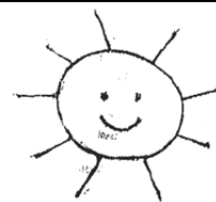
Summer Vacation Home Work (2025-26)

Class: XII



Hurrah!

Break Time.....



General Instructions:

- Do your holidays homework in a very neat and tidy manner.
- Do the written work in a separate Notebook.
- Parents should converse most of the time in English with their wards.
- The submission date for the homework for English & Maths is **04/07/2025**.
- The submission date for the homework for Hindi & Science is **05/07/2025**.
- The submission date for the homework for Social Science & Art & Craft is **07/07/2025**.
- The submission date for the homework of IT & GK is **08/07/2025**.



ENGLISH

- Revise and learn all the chapters done so far in the class.
- Chapters: The Last Lesson, Lost Spring, The Rattrap (Flamingo)
- Vistas: The Third Level, The Tiger King.
- Write the summary of the poem done in the class. Poem: My Mother at Sixty-six.
- Do all the important questions from the chapters discussed from any resource book available.
- Write at least four notices on various topics taught in the class.
- Write at least 6 articles on different topics of your choice like pollution, current issues, social issues, technology etc from any resource book.
- Do not miss to write on use of nitrogen in industrial sector and corporate world.

PHYSICS

- Revise Chapter 1 Electric charges and fields and Chapter 2 Electric potential and capacitance
- Do all the numericals of NCERT from these 2 chapters
- Study Chapter 3 Current Electricity from NCERT.
- Prepare practical file of physics
- Prepare project file and model of physics on full wave rectifier

Chemistry

- Write experiments in Practical Notebook.
- Revise Chapter 1- Solution
Chapter 2- Electrochemistry
- Do the given Worksheets
- Draw the structure of amino acid

Mathematics

- Do all the examples of the following chapters from Elements and miscellaneous exercises from NCERT.
 - 1.Relations and functions
 - 2.Inverse Trigonometric Functions
 - 3.Matrices
 - 4.Determinants
 - 5.Matrices (continued)
 - 6.Continuity and differentiability
- Do the activities no. -1,2,3,6,8 & 10 in the project file. (Jeevansons Publications)
- Do the MCQ's & Case Studies from Elements of these chapters.
- All the work should be done in a separate Register.

Biology

- Revise all the chapters (As per CBSE syllabus).
Chapter 1. Sexual reproduction in flowering plants.
Chapter 2. Sexual reproduction in human beings.
Chapter 3. Reproductive health.
Chapter 4. Principle of variations and inheritance.
- Complete Practical File and Project File as guided in class.
- Solve sample papers.
- Do diagram practice of all the chapters.
- Make a Project File on the Topic: “Nitrogen a wonderful gas”.
- What is Nitrogen? How it is helpful in human body? Also write about deficiency Disorders.

Accountancy

- Chapters Covered:
 - Fundamentals of Partnership
 - Change in Profit-Sharing Ratio
 - Admission of a Partner
 - Retirement of a Partner
 - Death of a Partner
- Students must revise all the above chapters thoroughly with written practice.
- Prepare short notes for each chapter,
- Practice important questions from each chapter,

- Solve questions from the latest CBSE Sample Paper,
- Revise Previous Year Questions (PYQs)

Business Studies

- Learn Chapter -1 (Nature and Significance of Management)
Chapter-2 (Principles of Management)
Chapter-4 (Planning)
Chapter-5 (Organising) for class test
- Complete your Note book of exercise and assignment of case Studies of above all Chapters
- Complete case studies from NCERT book also.
- Prepare project file the topic assigned you according to your Roll No.in class.

Economics

- Revise
- Chapter- 5 Money
- Chapter- 6 Banking
- Chapter- Government Budget
- Chapter- 11 Foreign Exchange Rate
- Chapter- 12 Balance of Payment
for class test
- Complete notebook and practice MCQs , Case Studies and Value Based Questions from book.
- Prepare project file the topic assigned you according to your Roll No.
 1. Government Budget
 2. Foreign Exchange Rate
 3. Banking
 4. GST
 5. Money
- General Instructions to prepare the project:
 1. The project should be simple, brief and easy.
 2. It should be handwritten. The cover page should be neat and simple in presentation. No glitters etc. should be used.
 3. More credit will be given to original drawings, illustrations, mind maps and articles from magazines and newspapers.
 4. The project should not have any political comments or reference to any political party.
 5. It is not mandatory to have case studies / questionnaires in the project but if the topic demands it may be included.
 - 6 . The project carries 20 marks and the evaluation pattern will be as under, as per
- CBSE
 - 1 Relevance of the topic: 3 marks
 2. Knowledge Content / Research work: 6 marks
 3. Presentation Technique: 3 marks.
 4. Viva: 8 marks.
- Special Task
- Assignment Idea:

- Write a short note on "How overuse of nitrogen fertilizers harms Indian agriculture" (Connect to Punjab's water pollution case).

HINDI

- प्रतिदिन समाचार सुनिए और समाचार शब्दावली का सुंदर शब्दकोश तैयार कीजिए।
- हिंदी भाषा और साहित्य से जुड़े साहित्यकार महाकवि हरिवंश राय बच्चन तुलसीदास अथवा लेखिका महादेवी वर्मा के लेखन साहित्य के सामाजिक संदर्भ एवं जीवन मूल्य संबंधित प्रभाव आदि पर एक परियोजना कार्य तैयार कीजिए।
- पर्यावरण और नाइट्रोजन उपविषय पर एक रचनात्मक लेख लिखिए।
- सूर्यकांत त्रिपाठी निराला अथवा हरिवंश राय बच्चन जी की कोई एक कविता वाचन अभिव्यक्ति हेतु याद कीजिए और 2 मिनट का ऑडियो बनाकर हिंदी अध्यापिका को प्रेषित कीजिए।
- कक्षा कक्ष में अभी तक हो चुके पाठ्यक्रम
- आरोह पुस्तक के पाठ 1 आत्मपरिचय, एक गीत, पाठ 11 भक्तिन, पाठ 4 कैमरे में बंद अपाहिज पाठ 12 बाजार दर्शन, पाठ 13 काले मेघा पानी दे,
- वितान पुस्तक के पाठ 1 सिल्वर वेडिंग
- पुस्तक अभिव्यक्ति माध्यम में पाठ 3 विभिन्न माध्यमों के लिए लेखन और पाठ 4 पत्र लेखन के विभिन्न रूप के आंतरिक प्रश्न उत्तर पुस्तिका में पूर्ण कीजिए।

Geography

- Revise the keypoints and notes of
Chapter:-1 Population distribution
Chapter:-2 Population Composition
Chapter:-3 Migration
Chapter:-4 primary activities
- Learn NCERT book question answers of the above chapters.
- Learn all the MCQ's of the above chapters.
- Make a compilation of previous question answers from the above chapters.
- Make a model on the Nitrogen fixation of soil by pulses.

Political Science

- Prepare a project according to CBSE guidelines. Some suggested topics from BOOK 1 Politics of India since Independence are mentioned below. You can pick any one topic from the following :
 - Challenges to Nation Building
 - Era of One Party Dominance
 - India's External Relations
 - Politics of Planned development

- Challenges to and restoration of the Congress system
- The Crises of democratic Order
- Regional Aspirations
- Recent developments in Indian Politics
- Those students who are interested to make project on the topics of Book 2 contemporary world politics, they can make project on any of the following topics:-
 - The End of Bipolarity
 - Contemporary centers of power
 - Contemporary South Asia
 - International Organizations
 - Security in the Contemporary world
 - Environment and Natural resources
 - Globalization
- General instructions:
 - Project file must be separate of each student.
 - It should be a handwritten project on A4 size sheet.
 - Project should be summed up in 15-20 pages.
 - It should be research based on facts, figures and pictorials.
 - The project must have a title /cover page, certificate, acknowledgement, index, introduction, analysis with heading and sub headings, conclusion and bibliography.
 - It must include relevant news clippings, facts and figures pictures etc.
- Read and revise the chapters taught in the class. Answer the questions gives on the worksheet.
- Read the newspaper daily especially the editorials. Listen to English news daily.
- Book Review/Reflection
- Read and review one of the following:
 - The Discovery of India by Jawaharlal Nehru (chapters on nation-building).
 - Annihilation of Caste by B.R. Ambedkar (focus on social justice).
- Current Events Analysis:
 - Find two news articles from the period July2024 to May 2025 related to each chapter. Write a 150-word summary for each, linking it to textbook concepts.
- Special Knowledge Task
 - Environmental Politics & Climate Change
 - Nitrogen Pollution as a Policy Challenge:
 - Study how nitrogen-based fertilizers and industrial emissions contribute to environmental degradation (e.g., eutrophication, greenhouse gases).
 - Analyze international agreements like the Paris Agreement or UN Sustainable Development Goals (SDGs) that address nitrogen management.
 - Case Study: The European Union's Nitrogen Policy and its role in shaping regional environmental regulations.
- Political Ecology:
 - Examine power imbalances in nitrogen use:
 - Wealthy nations vs. developing countries in fertilizer consumption.
 - Corporate control of agrochemical industries (e.g., Bayer-Monsanto's influence on farming policies).
- Agriculture & Food Security
 - Geopolitics of Fertilizers:
 - Nitrogen fertilizers are critical for food production. Study how access to fertilizers shapes food security and political stability.
 - Example: India's fertilizer subsidy policies and their socio-political impact on farmers.

- Global Resource Conflicts:
- Competition for nitrogen resources (e.g., ammonia production) in regions like the Middle East or Africa.
- Link to Chapter 2 (Contemporary Centres of Power): How China's Belt and Road Initiative invests in fertilizer plants in developing nations to expand influence.

Psychology

- Learn NCERT based question answers of chapter 1st and 2nd.
- Write your Case Profile (Case Study Material) including Introduction, Definitions, Types, Causes, Intervention and Management, Prevalence etc.
- Answer all MCQs from Chapter 1st and 2nd (It will be shared with you in your group)
- Write Practical-1- Self Concept Questionnaire in your Practical notebook
- Special Knowledge Task

Topic - Environmental Psychology

A. Nitrogen Pollution and Cognitive Decline

Air Quality & Mental Health:

Nitrogen dioxide (NO₂) from vehicle emissions is associated with increased risk of dementia, ADHD, and depression (via neuroinflammation).

Studies: Longitudinal data linking high NO₂ exposure to reduced IQ in children (e.g., China, India).

Physical Education

- Revise the chapters with exercise for C.T to be held in July' 25.
- Chapter 1. Management of sporting Events
- Chapter 2. Children and Women in sports
- Chapter 3. Yoga as preventive measure for lifestyle Disease
- Chapter 4. Physical education & sports for (CWSN)

Painting

- Make a poster on "Safe use of Liquid Nitrogen ".
- Complete the 3 sheets of still life composition.
- Complete the 3 sheets of Nature composition.
- Write the Introduction, Development, characteristics and the description of paintings of Rajasthan and pahari school of miniature paintings.

Music

- निम्नलिखित कार्य को फ़ाइल में निर्देशानुसार कीजिए ।
1. तीन क्लासिकल गायक, तीन क्लासिकल नृत्य और तीन क्लासिकल म्यूजिशियन के चित्रों को चिपकाए तथा उनकी जीवनी से संबंधित 4 - 6 वाक्य लिखिए ।
 2. किन्हीं दो रागों के छोटे खयाल लिखिए ।
 3. किन्हीं दो तालों के एकगुण , दुगुण तथा चौगुन के बारे में लिखिए ।
 4. किन्हीं दो वाद्य यंत्रों के बारे में चित्र सहित जानकारी दीजिए ।