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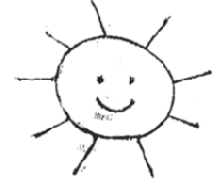
Summer Vacation Home Work (2026-27)

Class: X



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, Social Science & IT is **01/07/2026**.
- The submission date for the homework for Hindi, Science, Sanskrit, Art & Craft & GK is **02/07/2026**.



English

- **Reading Skills:** Solve 5 unseen passages & write difficult words with meanings.
- **Literature Revision:** Chapters- A Letter to God, Nelson Mandela, Two Stories About Flying, A Triumph of Surgery, The Thief's Story, The Midnight Visitor, A Question of Trust
- **Poems:** Dust of Snow, Fire and Ice, A Tiger in the Zoo
- Write summaries of all chapters and poems.
- **Grammar:** Revise Tenses, Modals, Determiners, Subject-Verb Concord
- Practice: Write 10 examples of each topic & write 20 sentences using modals.

Theme Activity – CARBON

Write a paragraph on: "Uses of Carbon in Daily Life"

Chart Work:

- Chart -1(**Roll No. 1-20**): Prepare a chart on Parts of Speech (Noun, Pronoun, Verb, Adjective, Adverb, Preposition, Conjunction, Interjection)
- Chart -2(**Roll No. 21 onwards**): Prepare a chart on all 12 tenses with examples.

Writing Skills: Write 4 formal letters & write 4 analytical paragraphs.

Vocabulary: Learn any 5 new words daily with meanings.

Hindi

- 1 कार्बन चक्र पर्यावरण के लिए क्यों आवश्यक है? (A3 शीट पर 10 वाक्य लिखें)
- 2 देश भक्ति/हास्य कविता/ प्रेरणादायक कविता

उठो, जागो और बढ़ो, हौसलों की उड़ान, नया सवेरा, आत्मविश्वास की शक्ति,

जीत की ओर, मेहनत का फल आदि शीर्षकों में से किसी एक शीर्षक पर कविता को याद कर अपना intro/ परिचय देते हुए वाचन प्रस्तुति (ASL) हेतु 1 से 2 मिनट का ऑडियो प्रेषित करें।

3 अनुक्रमांक अनुसार दिए गए उप विषय पर टीएलएम मॉडल तैयार करें।

- वाक्य (अनुक्रमांक 1 - 15), वाच्य (अनुक्रमांक 16 - 30), अलंकार (अनुक्रमांक 31 से आगे)

4 कक्षा कक्ष में करवाए गए पाठ एक सूरदास के पद, पाठ दो राम लक्ष्मण परशुराम संवाद, पाठ दस नेताजी का चश्मा , पाठ ग्यारह

बालगोबिन भगत को अपनी प्रीमिड परीक्षा के लिए दोहराए। व्याकरण वाक्य, रचनात्मक अनुच्छेद, संदेश लेखन, ईमेल लेखन, विज्ञापन लेखन उत्तर पुस्तिका में पूर्ण कीजिए व याद कीजिए।

5 निम्नलिखित में से कोई दो फिल्म देखिए और उनसे मिलनेवाली पाँच प्रमुख शिक्षाएँ लिखिए :-

आई एम कलाम, चॉक एंड डस्टर, तारे ज़मीन पर, उम्मीद, रद्दी लाइब्रेरी

6 कोई दो शुभकामना संदेश/ईमेल/विज्ञापन/औपचारिक पत्र लिखिए जो पहले उत्तर पुस्तिका में ना लिखवाए गए हो व उनका सजावटी रचनात्मक लेखन संग्रह बनाइएँ। (A3 शीट अथवा Scrapbook पर)

Maths

Revise the following chapters : Real Numbers, Polynomials, Pair of Linear Equations in two variables, Co-ordinate Geometry , Statistics , Probability

Do all NCERT Exemplar questions of above said chapters in your practice notebook.

Explore about carbon

Topic:- Calculating Average Carbon Emission of India, America, Russia, China & Bhutan.

- Calculate the amount of Carbon Emission by above said countries in last 10 years.
- Arrange them properly.
- Calculate the mean/average of data collected of each country separately.
- Analyze on the basis of average which country emits more Carbon and which country emits least Carbon.
- Give any 5 methods how we can reduce Carbon Emission.

Lab Manual Work

Do activities no. 1, 4, 8, 9, 10, 11, 12, 16 & 18 in your Maths lab Manual.

Model/Project Work

- To find the height of a Building or a Hill using application of Trigonometry. (For Roll no. 1 – 10)
- Explain Pythagoras Theorem using a working model. (For Roll no. 11 – 20)
- How to find Area of a Circle (For Roll no. 21 – 30)
- Create a puzzle game using pair of linear equations in two variables. (For Roll no. 31 onwards).

SCIENCE

Physics

- Revise the following chapters and do their NCERT numericals : Light Reflection, Electricity
- Make a chart on “Series and parallel combination of resistances”

Chemistry

- Learn chapter-1(chemical reactions and equations) do ncert intext questions & Read chapter 2 .

Project work:

Prepare a 5 page report on any of the two topics:

- Combination reaction ,Decomposition reaction , Displacement reaction , Double displacement reaction, Redox reactions.

Biology

- **Theme: Carbon – The Molecule of Life**
- Chapter Integration: Learn Life Processes & Heredity

Part A: Activity Work- Carbon in Life (Chart Activity)

- Make a colorful chart showing how carbon is present in living organisms through: Carbohydrates (Glucose, Starch), Proteins, Fats & DNA/RNA
- Write 200 words on “Carbon is called the backbone of life because all major biomolecules contain carbon.”

Part B: Diagram Work

- **Draw and label:** Structure of DNA, Human digestive system, Respiratory system
- **Lab Manual Experiment:** Biology (7,8), Chemistry (1 to 4), Physics(5,6)

Social Science

Topic 1 - Read & Revise the following chapters thoroughly

- ❖ Geography :Chapter 1- Resources and Development, Chapter -2- Forests and wildlife resources
- ❖ Political Science :Chapter 1- Power Sharing, Chapter 2- Federalism
- ❖ Economics : Chapter 1-Development, Chapter 2- Sectors of Indian Economy
- ❖ History: Chapter 1- Rise of Nationalism in Europe, Chapter 2- Nationalism in India

Topic 2 -Map

- Map Work: Practice and paste in fair notebook.
Geography - National Parks, Types of Soil, History - Freedom struggle sites

Topic-3 -Current Affairs: Read newspapers (e.g., The Hindu, Indian Express) and note 5 important events related to Social Science in month of June.

Topic 4 -Project

- Title: "Changing Indian economic consumption of Petroleum/Fuel energy resources in current scenario of rising global tension" (250 words with pictures/data).

Topic 5 -Special Task

"Carbon Footprint & Sustainable Development": Prepare a statistical project on how human activities increase carbon emissions and suggest ways to reduce it.

I.T.

- Learn Part A (Unit-1,2) + Part B (Unit-3)
- Prepare Project on topics of DBMS & get black & white printouts:
 - a) Hospital Patient Record System **(Roll No. 1-20)**
 - b) Railway Ticket Booking System **(Roll No. 21 onwards)**
- Make a collage in Ms Word (use background colour, apply border, Text Formatting, insert images & shapes etc.) & get black & white printouts:
 - a) Birthday Party Invitation **(Roll No. 1-20)**
 - b) School Annual Function Invitation **(Roll No.21 onwards)**
- Prepare a PPT (3 slides) on the Topic "Carbon- From atomic structure to Digital Technology" and get either coloured or black and white printouts

Reasoning & GK:

- Practice 15 questions each of the following topics in a separate Notebook: Analogy Letters, Analogy Alphabet, Analogy Numbers, Analogy Words, Coding -Decoding
- Make notes on the basis of daily current affairs of May and June month.
Topics : Sports, Education, States, International affairs, Defence and Security system