



THE HIMALAYAN PUBLIC SCHOOL
HOLIDAY ASSIGNMENT 2023 - 24
CLASS - X

1. ENGLISH LANGUAGE :

- Artificial intelligence has made human life easy. Take one example of Artificial Intelligence (Alexa, Drone delivery programs used by Amazon and Texla making driver-less cars etc) write and paste pictures in a project file depicting how it impacts our lives.(word limit should be 300-350)

2. ENGLISH LITERATURE: (Project work)

- Instructions:
 - 1) Word limit 400-500 words
 - 2) Only write in blue and black ink and can use coloured pens for headings.
 - 3) Sequence to be followed: Index-Acknowledgement- Certificate-Topic Page-Introduction-Content-Conclusion-Bibliography
 - 4) Do not copy from internet
 - 5) Use a project file which is to be covered
- Answer all questions-
 - 1) Refer to any two characters from Greek mythology which you have come across in The Merchant of Venice. Analyse their reference in the play.
 - 2) Explain the characters of Mrs Thompson from the story "An Angel in Disguise".
 - 3) Critically Analyse the poem, "The Daffodils."

3. HINDI LANGUAGE:

- परियोजना कार्य—“उत्तराखण्ड अपने आप में अलौकिक सौंदर्य को समाहित किए हुए हैं जो सब को अपनी ओर आकर्षित करता है” आपके द्वारा भी अपने परिवार के साथ उत्तराखण्ड भ्रमण की योजना बनाई गई आप इस भ्रमण में कहाँ-कहाँ गए और आपने क्या-क्या देखा? अपने अनुभव को सुंदर चित्रों का प्रयोग करते हुए एक निबंध के द्वारा प्रस्तुत कीजिए।

4. HINDI LITERATURE:

- परियोजना कार्य— “कक्षा में बताये गये कवि अथवा लेखक का पूर्ण परिचय देते हुए उनकी किसी एक रचना पर सुंदर चित्रों का प्रयोग करते हुए परियोजना तैयार कीजिए जिसके अंतर्गत क्रमशः जीवन परिचय, भाषा-शैली/साहित्यिक विशेषताएं, रचनाएँ, पुरस्कार, किसी एक कविता या कहानी का सारांश, पात्रों का परिचय, केन्द्रीय भाव/मुख्य भाव शीर्षक की सार्थकता एवं उद्देश्य लिखा गया हो।

5. MATHS:

- Make any two assignments from the following topics:
 - i. Comparative newspaper coverage of different items.
 - ii. Survey of various types of Bank accounts, rates of interest offered.
 - iii. Planning a home budget.
 - iv. Various types of “cryptarithm”.
- Do ‘chapter test’ of the following chapters:

Ch-1	GST
Ch-2	Banking
Ch -3	Shares and Dividends

6. SCIENCE:

(A) PHYSICS:

- Complete physics lab manual work in practical file.
- Do all numericals of chapter 1 and 2.
- Revise unit test syllabus.

(B) CHEMISTRY:

- Write all the definitions in the chapters
 - a) periodic table and periodic properties.
 - b) chemical bonding in a separate holiday homework notebook.
- Write action of NaOH and NH₄OH on certain metallic salt solutions in holiday homework notebook.
- Draw the electron dot diagram of the compounds
CCl₄
NaCl
MgO
CH₄
Ammonium ion
Hydronium ion

(C) BIOLOGY:

- Make an interleaved notebook and do the following work:
 - i) Draw labelled diagram of:
 - a) Stages of karyokinesis in plant and animal cell, D.N.A, Root hair, Plant cell placed in hypotonic and hypertonic solution, chloroplast, stomata, v.s of human heart, l.s of kidney, t.s of artery and vein, neuron.
 - b) Do the given practicals in the Biology lab manual.
 - c) State the location and function of the following:
Aster, Centriole, Xylem, Phloem, chloroplast, Gene, guard cell, stomata, lenticel, chloroplast, centrosome, thylakoid.
 - d) Learn chapters 2, 3 and 4.

7. SOCIAL SCIENCE:

(A) HISTORY / CIVICS:

- Define the following terms :
 - (a) Sessions (b) Quorum (c) Question Hour (d) Zero Hour (e) No-confidence Motion (f) Interpellation (g) Adjournment Motion (h) Anti -Defection Law
- Write the Exclusive powers of the two Houses.
- Revise the Unit Test Syllabus.
- Make any one project/ assignment related to the syllabus.
 - i. Present a life sketch and contributions of any one of the following Presidents of India –
 - (a) Dr. Rajendra Prasad (b) Dr. S. Radha Krishnan and (c) Dr. A.P.J. Abdul Kalam Azad.
 - ii. Present a book review of any one of the following works:
 - 1) Dadabhai Naoroji's – 'Poverty and Un-British rule in India'.
 - 2) Gandhi's – 'The story of my Experiments with truth'.
 - 3) Nehru's – 'Discovery of India'.
 - 4) Bhagat Singh's – 'Why I am an Atheist'.
 - 5) Vijayalakshmi Pandit's – 'The Scope of Happiness: A Personal memoir'.
 - 6) Abdul Kalam's - 'Wings of Fire'.

- iii. Highlight the work and achievements of any one Nobel laureate – (i) Malala Yousafzai or (ii) Kailash Satyarthi.
- iv. Prepare a report on the contributions of any one of the following agencies of the United Nations- (1) UNESCO (2) WHO (3) UNICFF (4) ILO (5) UNDP (6) FAO.
- Make a presentation on the influence of Gandhian Principles on Martin Luther King/ Nelson Mandela.
[Note – For Project/ Assignments use pictures, articles, Flow chart from the Internet as an aid.]

(B) GEOGRAPHY:

Prepare a project report on any one topic. (Make use of pictures, diagrams colors)

- 1 Wildlife conservation efforts in India.
- 2 Development of tourism in India.
- 3 Transport in India:
- Development of road, rail, water and air routes
- 4 Need of industrialization in India, latest trends and it's impact on economy of India.

8. ECONOMICS:

- Complete the mcq of chapter 1 in your book
- Revise the work done in the notebook
- Prepare project work on done of the given topic

A) Consumer awareness

B) Central bank and commercial bank

C) Types of Market.

Note : Project work pages must be 10 to 15

It must include index page, acknowledgment and certificate

All the matter of the project Work must be written from book only.

Project work must include pictures and headings with neat handwriting.

9. COMMERCIAL STUDIES:

- Prepare a project report on any two of the following topics-
 - a. Sales Promotion and its techniques used in a Commercial Organization.
 - b. The Consumer Protection Act 2019 (Rights and Remedies available to a consumer under the Act.
 - c. Internet Banking (Electronic Banking and forms of e-banking)
 - d. E-Commerce
- Learn Ch-1 and Ch-2 for Unit Test.

10.(A) COMPUTER APPLICATIONS:

- Do the given holiday homework assignment in one side ruled papers .
- Prepare a file to write the given programs
- Neat and tidy work is expected with clear outputs and program codes.
- Cover page is already attached with assignment, students are expected to download and use it in assignment.
- Follow the following format
 - 1) Acknowledgement
 - 2) Index
 - 3) Content(Programs)

(B) ART & CRAFT:

- 'ANY SEASONAL FLOWER AVAILABLE' flowers with few leaves and a bud. Draw and colour it neatly

(C) PHYSICAL EDUCATION:

- Draw a neat and clean diagram (field or court) of your favourite game on a chart paper.
- Which is your favourite sports and why? Explain.
- Write down the benefits of Physical Education.