

THE HIMALAYAN PUBLIC SCHOOL HOLIDAY HOMEWORK FOR WINTER VACATION - 2023 -24 CLASS – IX

1. ENGLISH LANGUAGE:

- An effective way of changing your life for the better can be your new year resolutions. Write an essay describing your resolutions for this upcoming new year 2024. (Word limit 300-350)
- Do this work in a thin separate note book .

2. ENGLISH LITERATURE:

- Write a character sketch of Julius Caesar that illustrates the relationships, feelings, and motivations during the act 1 and 2 Your sketch will include images. The character sketch must include the following points:
 - 1. Images of the character
 - 2. Images representing the personality traits of the character
 - 3. Words to describe the character's personality
 - 4. Quotes by or about the character (indicate Act, Scene, and Line)
- Note: Make a separate thin notebook for the Holiday Homework.

3. HINDI LANGUAGE:

• ^i j kis d kj d h Hkkouk y kgl & d Y; k k l si wkZg ks h gSge a Hkh i j kis d kj l s Hkj k t hou t huk p kfg, ^—विषय पर निबन्धात्मक शैली से अपने विचार प्रस्तुत की जिए l

4. HINDI LITERATURE:

- fd | h, d | d fo | d | परिचय लिखकर उनकी काव्यगत विशेष्ण k, ; , oa, d | i fj ; ks uk r \$ kj | d | hft , | ft | e sfu Eu | fy f | kr | e kj ; बिन्द् होने आवश्; d | g&
- d fo d k i fjp;] jpuk,] d for kj व्याख्या, संदेश] d sh zs, HkkoA ½ fj; ks uk d k, Zमें सुंदर चित्रों का प्रयोग आवश; d gs.½

5. **MATHS**:

- Do chapter test of
 - 1) Ch Indices
 - 2) Ch Logarithm
 - 3) Ch Area of theorems
- Revise Ch 1 to 18

6. **SCIENCE**:

(A) PHYSICS:

- Revise all work done in notebook
- Do numerical of page no 191,203,216 and 221 and
- Complete project work given.

(B) CHEMISTRY:

- Learn and write any 20 chemical formulae in a Holiday homework notebook.
- Write the types of chemical reactions from chapter 2 of your prescribed book in holiday homework notebook.
- Draw electron dot diagram of
 - a) Carbon tetrachloride
 - b) Ammonium ion
 - c) Hydronium ion
 - d) Sodium chloride
 - e) Calcium Oxide

(C) BIOLOGY:

- Make an inter-leaf notebook and do the following work:
- (i) Draw labelled diagram of:

Plant cell, Neuron, Virus, Anther, Skin, Synovial joint, Human Respiratory system, Animal cell.

- Make a herbarium file and paste following:
 Dicot leaf, Monocot leaf, Bisexual flower, Pine twig, Fern, Twig of any two flowering plants.
- Learn chapters:12,13,14,15.

7. SOCIAL SCIENCE:

(A) HISTORY & CIVICS:

- Make a project on any one of the following topic.
 - A) Buddhist Caves -Ajanta
- B) Iron Pillar -Mehrauli
- C) Gol Gumbaz-Bijapur
- D) Tower of silence Mumbai
- Revise the work done in class.

(B) **GEOGRAPHY**:

- Draw the following forms of contours valley, ridges, types of slopes, conical hill, plateau, escarpment and sea cliff.
- Make a project on
 - i) Equatorial Region
 - ii) Tropical Monsoon Type climate.

Cover following topics: Location, climate, natural vegetation, Human Adaptation. Use pictures to make your project attractive

8. ECONOMICS:

- Prepare a project report on any one of the following:
 - a. Poverty in India

- b. Primary Sector: Agriculture
- c. Problem of unemployment in India.
- Learn Ch-8, Ch-9, Ch-10 and Ch-11 and ch-12

(a) **COMMERCIAL STUDIES**:

 Prepare a project report on Trade (Acknowledgement, Certificate, Index, Meaning of channel of distribution, types of distribution channels, wholesalers, distributors and

- Retailers, Meaning of E- Commerce and E- Trade, Merits and demerits of online trading)
- Prepare a project report on Social Responsibility Of Commercial Organisations (Concept of social responsibility, social responsibility towards the environment, E-Waste Management, Recycling, Afforestation and eco friendly products).

(b) **COMPUTER APPLICATIONS**:

- Do the given worksheet in same summer vacation practical file .
- Write the programs and execute them paste outputs in the file.
- Neat and tidy work is expected.

(c) ART & CRAFT:

 Make one nature sheet by composing any seasonal flower at home and pot should be made. special attention should be given in the nature of flower.

(d) PHYSICAL EDUCATION:

- Write and collect complete information about two sports of your choice. (from the book only)
- Cover the entire story of ICC cricket world cup, 2023, India.

(e) COMMERCIAL APPLICATIONS:

- Prepare a project report on Co-operative Society(Acknowledgement, Certificate, Index, Meaning, features, merits and demerits of Cooperative Society, Formation of Cooperative Society, Types of Cooperative Society)
- Prepare a project report on "Natural Resources" (Meaning of natural resources, Classification, Air, Water, Soil, Minerals and Metals, Forests, Fuels and Importance of resources in our daily life).