

---

**ENGLISH**

1. Read and learn all the questions and answers of the chapters and poems done in the class.
2. Write out a speech to be delivered in the morning assembly on a topic of your choice.
3. Write an article for your school magazine entitled "The pleasures of life in school".
4. Do any two sample papers of English.

---

**MATHEMATICS**

1. Solve all the examples of chapter – 1 and chapter -2 in separate notebook.
2. Make one chart based on the following.
  - (i) Based on concept of chapter-1
  - (ii) Based on concept of chapter-2
  - (iii) Any famous mathematician.

---

**हिन्दी**

1. सूरदास या रामवृक्ष बेनीपुरी पर एक परियोजना तैयार करे।
2. सूरदास के पद पाठ का अभ्यास (प्र नोत्तर ) लिखें तथा याद करें।
3. स्वयं सेवक का जीवन एवं कृतित्व लिखें तथा याद करें।
4. रचना के आधार पर वाक्य के भेदों की परिभाषा उदाहरण सहित लिखें।
5. वाच्य की परिभाषा उदाहरण सहित तथा उसके भेदों की परिभाषा उदाहरण सहित लिखें।
6. कोई एक औपचारिक व एक अनौपचारिक पत्र लिखें।
7. दिया गया गीता का भ्रूलोक और उसका हिन्दी अनुवाद याद करके आए ।

वि शेष – गृह कार्य अलग कॉपी में करें।

---

**SOCIAL SCIENCE**

Holiday Home work – Prepare project work as per CBSE guidelines.

Economics – Make a project on consumer rights.

History – Make a project work on 'National Movement for freedom in India'.

Civics – Make project on 'Political parties in India'.

OR

Geography – Cyclones in India.

**SCIENCE**

1. Revision of all chapters done in class. (Physics – Light) (Chemistry – Chemical reactions and equations)  
(Biology – Nutrition in plants and animals)

2. Complete the following practicals in your practical files. (make separate files for Physics, Chemistry and Biology)

**Biology :-** Expt. 1 Prepare a temporary mount of leaf peel to show stomata

Expt. 2 To show that CO<sub>2</sub> is given out during respiration.

**Chemistry :-** Expt. 1 (a) Finding the PH of the following samples by using PH paper/universal indicator.

- (i) dil HCL (ii) dil NaOH (iii) dil Ethanoic Acid Sol. (iv) Lemon Juice  
(v) Water (vi) dil Hydrogen carbonate sol.

(b) Studying the properties of acids and bases (HCL & NaOH on the basis of their reaction with

- (i) Litmus Sol. (ii) Zinc Metal (iii) Solid Sodium Carbonate

Expt. 2 – Performing and observing the following reactions and classifying them into –

- (a) Combination (b) Displacement (c) Decomposition (d) Double displacement reaction (all four given)

Expt. 3 – Observing the action of Zn, Fe, Cu and Al metals on the following salt solution

- (i) ZnSO<sub>4</sub> (aq) (ii) FeSO<sub>4</sub> (aq) (iii) CuSO<sub>4</sub> (aq) (iv) Al<sub>2</sub>(SO<sub>3</sub>)<sub>3</sub> (aq)

Arranging Zn, Fe, Cu & Al in the decreasing order of reactivity based on the above result.

**Physics :-** Expt. 4 – Studying the dependence of potential differences (V) across a resistor on the current (I) passing through it determine its resistance. Also plotting a graph b/w V & I.

**Expt. 5** – Determination of the equivalent resistance of two resistors when connected in series and parallel.

**Total 7 practicals to be done.**

**A questionnaire is attached with the homework details.**

**Ch. 16** – Sustainable management of Natural Resources.

**Instructions** – (i) Attempt these questions on A-4 sized both side ruled sheets. (to be submitted in folder).

- (ii) This is a compulsory activity which will be evaluated for Internal Assessment.  
(iii) Please do it neatly. Read the chapter first and look for answers from the chapter.

**Note :- The project will be submitted to the concerned teachers as soon as you report back in school.**

**Late comers will not be entertained.**

---

Chapter 16- Management of Natural Resources. Class X

**Fill in the blanks**

1. In ..... strategy for saving the environment, things are used again and again.
2. The management of ..... resources requires a long term perspective.
3. .... are 'biodiversity hotspots'.
4. .... leaves are used to make medicines.
5. Forests are source of ..... materials for many industries.
6. .... is basic necessity for all terrestrial forms of life.
7. Rains in India are largely due to .....
8. Watershed ..... emphasises scientific soil and water conservation and tends to increase the biomass production.

4. Who are the stakeholders of forests ?
5. Give few examples of people's participation in the management.
6. Write the uses of water.
7. How are the big dams useful ?
8. What is watershed management ?

#### **Long answer questions**

1. Write briefly about pollution in Ganga. What is Ganga Action Plan ?
2. Write an essay on forests and wildlife.
3. Describe the various methods of sustainable management of forests.
4. Write short notes on:
  - (a) Dams
  - (B) Water harvesting

### **VERY SHORT ANSWER QUESTIONS**

1. Name few alternative sources of energy other than conventional fossil fuels.
2. Name few inexhaustible natural resources.
3. What is energy ?
4. Define deforestation.
5. List some causes of extinction of wild life.
6. Define sustainable development.
7. What do you mean by rainwater harvesting ?
8. Give the term for rational utilization of land and water resources for optimum utilization causing minimum damage to the natural resources ?
9. List the causes of displacement of people.
10. What are environmental ethics ?

### **Short Answer Questions**

1. What are three R's to save the environment ?
2. Why do we need to manage our resources ?
3. Write the uses of forests.