

**MOTILAL NEHRU SCHOOL OF SPORTS, RAI-131029**  
**DISTRICT-SONIPAT (HARYANA)**

**CLASS – 10<sup>th</sup>**

**HOLIDAY HOMEWORK**

<b>English</b>	<p>1. Revise Tenses (Reported speech, active and passive, parts of speech)</p> <p>2. Complete 4 Units of workbook 'Words &amp; expressions'.</p> <p>Unit 1 : A letter to God</p> <p>Unit 2 : Nelson Mandela, long walk to freedom</p> <p>Unit 3 : Two stories about flying.</p> <p>Unit 4 : From the diary of Anne Frank.</p> <p>3. Complete your notebooks &amp; revise the syllabus for pre-mid term.</p> <p>4. Read newspaper daily. Learn and write at least two new words with meaning in your fair notebooks for enhancement of vocabulary.</p>
<b>Maths</b>	<p>1. Solve all the examples of Ch. 1,2,3,4 in a separate notebook.</p> <p>2. Revise whole syllabus for pre-mid term exams.</p> <p>3. Purchase lab manual of mathematics from market &amp; bring it after summer break.</p>
<b>Hindi</b>	<p>5. प्राकृतिक आपदाओं का उल्लेख करते हुए उनसे बचने के उपायों (आपदा प्रबंधन) पर विस्तार से एक परियोजना कार्य तैयार करके लाएं।</p> <p>6. क्षितिज भाग 1 के गद्य एवं पद्य पाठों के जिनका अध्यापन किया जा चुका है, उनके प्रश्नोत्तर लिखकर और याद करके आएं।</p> <p>7. एक औपचारिक एवं एक अनौपचारिक पत्र लिखकर लाएं।</p> <p>8. श्रीमद्भगवद्गीता के दो श्लोकों को हिन्दी व अंग्रेजी अनुवाद सहित लिखकर लाएं।</p>
<b>Science</b>	<p>1. Revise the syllabus covered so far for pre-mid term exams.</p> <p>2. Complete your notebooks if any work is pending on any genuine account.</p> <p>3. Complete your practical files for Term – 1 for Physics, Chemistry &amp; Biology.</p> <p>4. Students are requested to purchase science practical files during summer break. Lab manual will guide the students about practical syllabus for Term – 1. Practical file with lab manual to be purchase.</p> <p><b>Pre Mid Term Syllabus :</b></p> <p>(i) <b>Physics – Light</b></p> <p>(ii) <b>Chemistry – Chemical reactions &amp; equations</b></p> <p>(iii) <b>Biology – Life processes (nutrition in plants, nutrition in animals)</b></p> <p><b>Biology Experiments :-</b></p> <p>Expt. 1 : To prepare a temporary mount of leaf peel to show stomata.</p> <p>Expt 2 : To show that CO<sub>2</sub> is given out during respiration.</p> <p><b>Physics Experiments :-</b></p> <p>Expt. 1 : To determine the focal length of given concave mirror.</p> <p>Expt. 2 : To determine the focal length of given convex lens.</p>

	<p><b>Chemistry Experiments :-</b></p> <p><b>Expt. 1 :</b> (A) Finding pH of following examples by using pH paper / universal indicator solution.</p> <p>(i) Dil HCL                      (ii) Dil. NaOH                      (iii) Dil. Ethanoic acid ( <math>\text{CH}_3\text{COOH}</math> )</p> <p>(iv) Lemon                      (v) Water                      (vi) Dil. <math>\text{NaHCO}_3</math></p> <p>(B) Studying the properties of HCL &amp; NaOH on basis of their reaction with :</p> <p>(i) Litmus solution (Blue/Red)                      (ii) Zinc metal</p> <p>(iii) Solid sodium carbonate ( <math>\text{Na}_2\text{CO}_3</math> )</p> <p><b>Expt. 2</b> Performing and observing the following reaction and classifying them into : -</p> <p>(i) Combination Reaction                      (ii) Decomposition Reaction</p> <p>(iii) Simple displacement reaction                      (iv) Double displacement reaction</p> <p>(a) Action of water on quick lime.</p> <p>(b) Action of heat on ferrous sulphate solution.</p> <p>(c) Iron nails kept in copper sulphate solution.</p> <p>(d) Reaction between sodium sulphate and Barium Chloride solution.</p> <p><b>Chapter 14 – Sustainable management of Natural Resources.</b></p> <p>(i) Attempt these questions on A4 size both ruled sheets ( to be submitted in a folder).</p> <p>(ii) This is a compulsory activity which will be evaluated for Internal Assessment.</p> <p>(iii) Please do it neatly. Read the chapter first and look for answers from the chapter.</p> <p><b>Note : The project will be submitted to the concerned teachers as soon as you report back in school. Late comers will not be entertained. (Assignment attached)</b></p>
<b>Social Science</b>	<p>A. Prepare project under given headings :</p> <p>10-A (Consumer Rights)</p> <p>10-B (Social issue : Suicide of farmers in India)</p> <p>10-C (Sustainable Development)</p> <p>B. Read and learn first three chapters of each subject : History, Geography, Civics and Economics.</p> <p>C. Prepare one chart paper on UNO. (A4 size)</p>
<b>Information Technology</b>	<p>1. Complete your class notebook, if you have not done for any reason. (SM/OM etc.)</p> <p>2. Solve exercise in your class notebook for chapters 1.1 &amp; 1.2 (impress writer).</p> <p>3. Solve the questions related the there 02 chapters for last 03 years (CBSE Board).</p> <p>4. Learn the both chapter from book for mid term examination.</p>

# Science - Assignment

## **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 bidies.
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.

## **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.
4. Who are the stakeholders of forests?
5. Give few examples of people's participation in the management.
6. Give 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