

Holiday Homework
Class X
English & Geography

1. Write a letter to anyone in the school whom you think as your ideal. Give reason why the person is your ideal. What qualities of him/her do you want to have? Mention one significant contribution of the person for you. How would you remain connected with him/her and reciprocate his/her contribution towards you. (Do it in file paper.)
2. Create a report on Imagination of a week without any means of transport or communication. Procedure is given below
 - a. This activity should be undertaken after the lesson is completed.
 - b. Students may be asked to imagine a week without any means of transport or communication. How would your life be influenced by it? Give a detailed description of it.
3. Prepare a project on Heritage Tourism in India. Procedure is given below
 - a. The students should be asked to prepare heritage tourism.
 - b. They should collect news about tourism from newspaper (as shown below)



- c. The students can also collect more information from the internet.
 - d. They can enrich their project with facts and pictures.
4. Create a report on Important Tourist Places of your State/UT. Procedure is given below
 - a. What type of tourism may be developed in your State/UT and why?
 - b. Which areas you find more attractive your State/UT for the development of tourism and why?
 - c. How tourism may be helpful for the economic development of a region adopting sustainable development approach?
5. Start your search vertically, horizontally or diagonally and reach various destinations across the country!



- a. Northern terminal of the North—South corridor.
- b. The name of National Highway No. 2.
- c. The headquarters of the Southern railway zone.
- d. The rail gauge with a track width of 1.676 m.

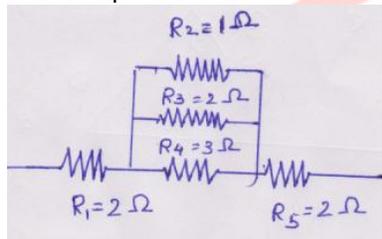
- e. The Southern terminal of the National Highway No.7.
- f. A riverine port.
- g. Busiest railway junction in Northern India.

Mathematics

1. Prepare 5 years questions based on P1 and P2 portions.

Physics

1. A student constructed a box type solar cooker. He found that it does not work efficiently. What could this be due to? Give any four possible mistakes in the construction and operation of the cooker.
2. Find its equivalent resistance.



3. What is resistivity? Write its unit and resistivity of Iron, Copper and silver.
4. What is joule's heating effect? How can it be demonstrated experimentally? List its four applications in daily life.
5. A bulb of 100 watt rated 220 v is used at 110 v. What watt power is being consumed?
6. Find equivalent resistance of given three resistances R_1 , R_2 and R_3 when they are connected in series.
7. Draw all the image formation by a concave mirror and also write their position, nature. [Use straw to draw.]

Chemistry

1. Explain with a chemical equation, any two uses of a chemical decomposition reaction in industry.
2. Identify five common salts which we come across in our everyday life. State their preparation and mention at least two uses of each salt.
3.
 - a. Most of the metals acquire a dull surface when exposed to air. Name the chemical process responsible for this process.
 - b. State the conditions under which an iron article gets rusted. Design an activity to investigate the conditions necessary for rusting. Suggest any two methods to prevent rusting of iron.
4.
 - a. What do you mean by a universal indicator? State the purpose for which this indicator is used?
 - b. Select any five common food items and state whether they are acidic or basic in nature by using a common indicator.
5. Compose an activity to arrange Ca, Mg and Fe metals in the decreasing order of reactivity with water. Write suitable balanced chemical equations and draw diagrams. [Work has to be done in Project-File.]

Biology

1. Why are stomata and guard cells called turgor operated valves?
2. Two processes are basic to life on earth. What are they? How do these processes sustain life?
3. Which system is working when you start sweating during exercise? What is its function?
4. Differentiate between Diabetes Mellitus and Diabetes Insipidus.
5. With the help of a labelled diagram explain the process of double fertilisation.
6. What is the structural and functional unit of kidney? Draw a neat and labelled diagram of it. State the function of any three parts.
[work has to be done in a separate Project-File]

History, Civics & Economics

1. Make an album of six political parties with their symbols, quotations and manifestos.
2. Right to seek Redressal (A case study with picture given in NCERT Book).
3. Write a news paper report with picture on "Jallianwala Bagh Massacre"
4. Write five quotations on consumer rights with pictures.
5. Paste a picture of Bharat Mata (Ch-3) and image of Germania (Ch-1) and compare both of the images.

Foundation of IT

1. What is a list? Explain its type with different attributes?
2. What are attributes of <body> elements? Explain with examples.
3. Explain the services provided by internet.

4. Explain database objects.
5. Write steps of create a table using design view.
6. Write steps to create a query using design view.

Hindi

- विदेशी होते हुए भी कई साहित्यकारों ने हिन्दी साहित्य लेखन की परम्परा को अपनाया। किन्हीं दो साहित्यकारों के नाम लिखकर उनका जीवन परिचय दे।
- अपने दादाजी को पत्र लिखते हुए उन्हें यह बताएँ की आप अपने विद्यालय में किस व्यक्ति से अधिक प्रभावित हैं और क्यों? आप उनके किन-किन गुणों को अपनाना चाहते हैं।
नोट-उपर्युक्त कार्य अपने व्याकरण की कॉपी में करें।

Sanskrit

- "श्रीमद् भगवद् गीतायाः महत्त्वम्" इति विषये चित्रम् रचयित्वा संस्कृतेन परियोजनाकार्यम् कुरुत (चार्ट पेपर पर)
- "दीपावली" इतिपर्वणः विषये चित्रम् रचयित्वा संस्कृतेन अनुच्छेदं लिखत।
- व्याकरण पुस्तकात् किमपि एकं पत्रं मञ्जूषायाः शब्दसूचि सहायतया पूरयत। (चार्ट पेपर पर)

