



## Subject : History and Civics

1. The independence of which country was recognized by the treaty of Constantinople of 1832?
2. What is the significant of 1848 for France and the rest of Europe? What did the liberals demand?
3. Write the importance of following dates:-
4. 1789, 1804, 1814-15, 1821, 1831, 1848, 1861, 1871
5. How had revolutionaries spread their ideas in Europe after 1815.
6. How did culture play an important role in creating the idea of nations in Europe? Explain with examples.
7. Write about the popular struggle (Chapter – 5).
8. On a world map mark the following places :-
9. (a) Germany (b) Italy (c) Ottoman Empire (d) Ireland (e) England (f) Spain (g) Denmark (h) Austria (i) Hungary (j) France

## Subject : Biology

I. project - Make a project on Digestive system of Human being in scrapbook.

II. Answer the following questions in Holiday Assignment Note book.

1. What is the name of the partition between thorax and abdomen?
2. In which part of alimentary canal of human beings there is no peristaltic movement?
3. Define the term 'digestion'.
4. Define transpiration. In what way is transpiration important for plants?
5. Bile juice contains no digestive enzymes, yet it is important for digestion. Why?
6. Name any four enzymes present in the intestinal juice, the substances they act upon and their end products.
7. After surgical removal of an infected gallbladder, a person must be especially careful to restrict their dietary intake of which substances?
8. Name the end products of protein digestion.
9. Name a digestive gland that secretes a digestive juice but does not contain enzymes.
10. What is the role of saliva in the digestion of food.

## Subject : Physics

1. Project - To assemble a series and a parallel circuit using cell, connecting wires, resistors and key.
2. Do NCERT exercises in note book of Chapter- Electricity.
3. Answer the following questions :
  - a) How will you join three resistors of resistances 4 ohm, 6 ohm and 12 ohm to get an equivalent resistance of 8 ohm?
  - b) A bulb is rated 40 watt, 220 volt. Find the current drawn by it when it is connected to a 220 volt supply.
  - c) An electric bulb and an electric heater are rated as (100W-220V) and (1000W-220V) respectively. Compare their resistances.

- d) Write the expression for joule's law of heating.
- e) what will be the change in the resistivity of a conductor when its length becomes double?
- f) How is ammeter connected in electrical circuit?
- g) Resistance of a metal wire of length 1m is 26 ohm at 20 degree c. If the diameter of the wire is 0.3 mm. what will be the resistivity of the metal at that temperature?
- h) A wire of resistance 5 ohm is bent in the form of a closed circle. What is the effective resistance between the two points at ends of any diameter of the circle?
- i) What is the commercial unit of electrical energy? Represent it in terms of joules.
- j) An electric iron consumes energy at the rate of 840W when heating it at the maximum rate and 360W when heating it at the minimum. The applied voltage is 220 V. What is the value of current and the resistance in each case?

### Subject : Sanskrit

संस्कृत ग्रीष्मावकाश गृहकार्य - 2019-20  
 कक्षा - दशमी (X)  
 1) परियोजना कार्य - शुचिपर्यावरणम् - पर्यावरण से संबंधित चित्रों को लगाकर 15 वाक्य संस्कृत में लिखें।

### Subject : Mathematics

1. Prove Thales theorem
2. Solve graphically and paste graph on practical files
  - a.  $X + 2Y = -1$ .  $2x - 3Y = 12$
  - b.  $X + Y = 5$   $2X + 2Y = 3$
  - c.  $3X + 6Y = 3$   $6X + 2Y = 1$

### Subject : Economics

Comparative study between developed and developing countries based on SOCIO ECONOMIC parameters.

On the basis of above study justify the statement,

'Income is not the only criterion of development goals .

### Subject : Information Technology

- Write the various option in control panel (Windows 7). Explain in brief.
- Write practice exercises of Web Application

Note : Use Practical Notebook

### Subject : Hindi

## Holidays Home Work

Subject - HINDI

Class - X

1. सुभाषचंद्र बोस के व्यक्तित्व और कृतित्व पर एक पौनःसूचक बनाए।
2. निम्नलिखित पृष्ठों के उत्तर लिखिए :
  - (i) कैप्टन हालकर साहब के लिए साधनभूति का पात्र क्यों था ?
  - (ii) 'नेताजी का चश्मा' पाठ के आधार पर सिद्ध कीजिए - देशप्रेम के लिए किसी विशेष साधनों की आवश्यक नहीं बल्कि भावना की आवश्यक होती है।
  - (iii) दूसरों को नीति की सीख देने वाले कृष्ण स्वयं अनैति पर चलने लगे ऐसा गोपियों ने क्यों कहा ?
  - (iv) उद्धव और गोपियों में किसके जीवन को भाग्यशाली कहा जा सकता है? अपने विचार प्रकट करें।
  - (v) माता का अंचल पाठ के आधार पर ग्रामीण बच्चों द्वारा खेलें जाने वाले खेलों और खेल-समग्रियों का विस्तारपूर्वक वर्णन करें।
3. कक्षा में करणर गरु कार्य को दोहराए।
4. 'नेताजी का चश्मा' पाठ का उद्देश्य स्पष्ट करें।
5. गोपियों द्वारा उद्धव को राज-धर्म क्यों याद दिलाना पड़ा ?

Seema Sharma

Anu Sharma

## **Subject : English**

Q1. In a scrapbook write a story in 150-200 words on the basis of the beginning provided:

It was late night. Anjali was about to switch off the light and go to bed when she saw a light outside the window. On close observation she found that it was a fire.....

Q2. Why did the postmaster and his employees decide to help Lencho ? Was their effort appreciated by the receiver of that help?

Q3. How was Tricki accepted as a member of the gang and the other dogs started enjoying his company?

Q4. Will this world come to an end? What does the poet say in this regard?

Q5. What happened when the dust of snow fell on Robert Frost?

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## **Subject : Chemistry**

1. Why do gold not corrode in moist air?

2. Why do we paint iron?

3. Explain with example redox reaction.

4. Explain oxidation and reduction taking place simultaneously with example.

5. Name the gas evolved during reaction of water with metal.

6. Explain decomposition reaction with example.

7. Give a chemical reaction with change in colour of product.

8. Characteristics of chemical reaction and their example.

9. Define chemical reaction.

10. Does iron displace zinc from its compound during chemical reaction? Explain your answer.

11. What are exothermic reaction?

12. Define corrosion.

13. Write the type of reaction in rusting of iron.

14. Why is respiration considered exothermic reaction?

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## **Subject : GEOGRAPHY**

1. Mark all six types of soil on the outline map of India and describe them in your notebook

2. Write a short note on 'Project Tiger' and mark five major tiger reserves on a political map of India

3. On a political map of India mark the areas under Reserved forests, Protected forests and Unclosed forests.

4. Classify animals on the basis of the list prepared by the International Union for Conservation of nature and National resources (IUCN).

5. What is sustainable development? Write in short 1<sup>st</sup> Earth Summit held in Rio-De-Janeiro in 1992 with Agenda-21.

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