

## **HOLIDAY HOMEWORK FOR CLASS X:**

### **ENGLISH LANGUAGE**

You are the President of the quiz club of your school. Write a notice about the inter-school quiz competition that your school is going to host.

Write an email to the Principal of a nearby school inviting his or her school to participate in the event.

### **ENGLISH LITERATURE**

Project Assignment- Discuss the character of Shylock with special emphasis on Act III Scene I.

### **BIOLOGY**

- 1.To complete all the Question /Answers from the book on the chapter 'The Transpiration'
- 2.To complete all the Questions / Answers from the book on the chapter ' Absorption, Diffusion & Osmosis'

### **CHEMISTRY**

- 1."Water self ionises to produce hydronium and hydroxyl ions". Explain. Show the electron dot structure of hydronium ion.
2. Complete and classify the following as reduction and oxidation reactions:-  
a.  $\text{Fe}^{2+} \rightarrow \text{Fe}^{3+}$     b.  $\text{Al}^{3+} \rightarrow \text{Al}$     c.  $\text{S}^{2-} \rightarrow \text{S}$
3. Draw electron dot structures of  $\text{O}_2$ ,  $\text{NH}_4\text{Cl}$ ,  $\text{CaO}$ ,  $\text{CH}_3\text{Cl}$ .
4. Define:- a) ionisation potential    b) electron affinity
5. An element has  $Z=16$ . Find
  - a. period to which it belongs.
  - b. number of valence electrons
  - c. valency
  - d. whether it is a metal or non-metal.

### **COMMERCIAL STUDIES**

From the daily newspaper which your family buys, select five different advertisements. Compare each of them with the essentials of a good advertisement. Note down how many requirements are fulfilled by each advertisement. Is the advertisement which fulfils the maximum number of requirements the most popular/ effective?

## **ECONOMIC APPLICATIONS**

Take a fast moving consumer (FMCG) like washing machine detergent. Analyse the factors that determine the demand of this product. Present your findings in form of a class presentation.

## **GEOGRAPHY**

- To complete the given project work
- Mapwork - Summer and Winter Monsoons of India
- Mapwork - Distribution of Soil Types In India
- Mapwork - Surrounding Waterbodies of India
- To locate Tropic of Cancer & Standard Meridian of India

To locate Mountains ,Plateaus & Plains on the map of India

## **HINDI**

PROJECT – Rupae ki aatmkatha

Chapter) matra mander ki ore

Learn question and answer

Learn –class notes

## **History and Civics**

- 1.Complete Project Work on United Nation Organisation
2. Learn all question answers from chapters History 1,2,3,4 Civics 1.
3. Complete answers from page s33,34,107,120.

## **MATHEMATICS**

Projects on Mathematics is given below: -

Project 1 – Comparing on News Paper coverage by 3 daily Newspapers in 3 languages for 2 days

Project 2 - Banking.

Project 3 – Home Budget.

Should follow the project structure was given in the class, otherwise follow from our school website.

## **PHYSICS**

Do the following questions: -

- a) What is the moment of force?
- b) Convert 1 N m to dyne cm.
- c) What do you mean by equilibrium of a body?
- d) Compare between centripetal and centrifugal force.
- e) How does H. P. relate to SI unit of Power?
- f) Define work. When is work said to be done by a force?
- g) Define Centre of gravity.
- h) Deduce position of Centre of gravity of different geometrical objects.
- i) Define Energy and Power. Fine the relations between them.
- j) What is centripetal and centrifugal force.
- k) What is the relation between them?

## **Subject Bengali**

Q1 প্রকৃতি মানুষের বন্ধু , কিন্তু মানুষ হয়েছে প্রকৃতির শত্রু" বিষয় টি নিয়ে রচনা লেখো

Q2 তুমি বাড়ি ফিরছিলো কিছু লোক তোমার সব কিছ লুট করে এই বিষয় অভিযোগ জানিয়ে থানায় একটি চিঠি লেখো

Q3 দাদামশাইএর কি হয়েছিল তা লেখো