

**G.D GOENKA INTERNATIONAL SCHOOL, ROHTAK**  
**HOLIDAYS ASSIGNMENT FOR CLASS- X (2018-2019)**

**MATHS**

Do all questions of exercise 2.3, 3.5 and 3.6 with examples from NCERT book in separate notebook.

**Project**

Working model of clinometer for the calculations of height of building.

**SOCIAL SCIENCE**

Prepare project file on any one topic / unit from the following

- Disaster management (any one disaster)
- Popular struggles and movement
- Money and credit

The project report should be handwritten and comprise of not more than 15 pages.

**SCIENCE (BIOLOGY)**

Topic: Vertical forests to remove smog. Prepare a model using the plants that actually do that. The Model should have proper plants.

Prepare a project on any disease related to any organ involved in - Digestive System, Circulatory System, Respiratory System or Excretory System.

**Guidelines for the project**

Cover page, acknowledgement, certificate, index, introduction, details of the diseases like causes effects, cure etc..., bibliography.

Project should be handwritten using A4 size paper in a file.

It should not contain more than 15 pages and avoid use of coloured pens and glitters .

**PHYSICS**

Do assignments as given in class

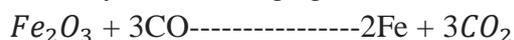
## CHEMISTRY

Do the following questions:-

Q1. A shiny brown coin made up of an element turned black on heating. What was the element of the coin and what is the black compound formed?

Q2. Silver article gets black coating after some time. Name the phenomenon.

Q3. Identify the reducing agent in the following reaction



Q4. Write differences between a physical change and chemical change.

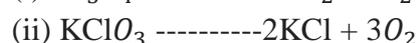
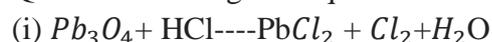
Q5. Write the balanced chemical equation for the following reaction.

(I) In thermite reaction, iron (III) oxide reacts with aluminum and gives molten iron and aluminum oxide.

Q6. Calcium oxide + water  $\longrightarrow$  Slacked lime  $\longrightarrow$  blue

Write down the reaction.

Q7. Balance the given equation:-



Q8. Give reason for the following

(i) When ammonium chloride is dissolved in water in a test tube, the test tube becomes cold.

Q9. Learn the reactivity series of metals. Also learn the charges present on different cations and anions

## ENGLISH

1. Read the novel-THE STORY OF MY LIFE and write its book review. It should include-
  - The book's title and author
  - A brief summary of the plot
  - Book's strength and its weaknesses
2. Write a story in about 150-200 words with the following beginning and give a suitable title to it. (10)

It was 6 o'clock in the evening and there was a lot of traffic on the road. Mohan was driving his car when suddenly two teenagers on bike overtook his car.

Make a separate Holiday homework small booklet to do the work.

## HINDI

- फादर बुल्के का 'अंग्रेज़ी हिन्दी शब्दकोष' उनकी महत्वपूर्ण देन है। इस शब्दकोष को पढ़िए। फादर बुल्के की तरह ऐसी अनेक विभूतियाँ हुई हैं, जिनकी जन्मभूमि अन्यत्र रही पर कर्मभूमि के रूप में उन्होंने भारत को चुना। ऐसे ही किसी एक महान व्यक्ति के जीवन एवं उनके योगदान संबंधी जानकारी एकत्र कर नोट बुक में लेख लिखिए।
- आप गर्मी की चिलचिलाती धूप में कभी सफ़र करें तो दूर सड़क पर आपको पानी सा दिखाई पड़ेगा पर पास जानेपर आपको कुछ दिखाई नहीं देगा। अपने जीवन में भी कभी-कभी हम ऐसा सोचते कुछ हैं, दिखता कुछ है लेकिन वास्तविकता कुछ और ही होती है। आपके जीवन में घटे ऐसे किसी अनुभव को अपने प्रिय मित्र को पत्र लिखकर अभिव्यक्त कीजिए।
- अध्याय 13 'मानवीय करुणा की दिव्य चमक' के प्रश्नोत्तर नोटबुक में करके लाएँ।