

GREEN VIEW PUBLIC SCHOOL

SESSION 2020-2021

CLASS 10 HOLIDAY HOMEWORK

ENGLISH

1. Prepare a write up on any one of the following topic using pictures, bar graph, slogans, innovations and data in a file.
 - a. Save the girl child
 - b. Save the environment
 - c. COVID-19
2. Some events or incidents change everything and focus us to learn new lessons. Reflect on the present time and write about the lessons learnt during the times of Coronavirus spread in the world.
3. You are spending time at home away from school for one of the longest holidays. Describe your feelings about having to stay at home during these holidays.
4. Read the chapters thoroughly.

ग्रीन व्यू पब्लिक स्कूल
ग्रीष्मकालीन अवकाश कार्य(2020-21)
कक्षा -10, विषय - हिंदी

- सूरदास के पद और राम-लक्ष्मण -परशुराम संवाद पाठ से बीस या तीस शब्दों में कोई २० स्वरचित प्रश्नों के उत्तर दीजिये।
- वर्तमान समाज की आकस्मिक आपदाओं से निपटने के लिए भारत सरकार ने सामाजिक, राजनीतिक और आर्थिक स्तर पर जो कार्य किये हैं उन्हें ध्यान में रखते हुए २५० शब्दों में निबंध लिखिए।
- औपचारिक तथा अनौपचारिक पत्र के प्रारूप को समझते हुए एक-एक औपचारिक तथा अनौपचारिक पत्र लिखें।
- इकाई परीक्षा - १ का संपूर्ण पाठ्यक्रम याद करें।
- कोरोना एक वैश्विक समस्या है इसके सकारात्मक तथा नकारात्मक पहलुओं पर अपने विचार प्रस्तुत करते हुए एक प्रोजेक्ट तैयार कीजिये।

HOLIDAYS' HOME WORK

MATHS

CLASS 10

1. Revise chapters: by N.C.E.R.T and by any reference book Real number, Polynomial, statistics
2. Do lab manual activity number 1 to 4?
3. Learn square from 1 to 40 and cubes from 1 to 30.
4. Learn tables for fast calculations.
5. Make 10 flash cards on mathematics.

CLASS X SCIENCE HOLIDAYS HOMEWORK 2020-2021

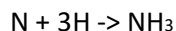
CHEMISTRY:

1. Prepare a project based on all the medicines:
(A) that are already available and are used for corona treatment.
(B) that are being prepared all over the world for corona treatment.
2. Prepare a detailed report on Types of Chemical reactions (20 each)
3. Prepare a detailed report on natural & man made indicators.
OR
Prepare a detailed report on the various acids and bases along with the sources in which they are found.
4. Do the worksheet attached below in chemistry notebook.

WORKSHEET

- Q1 A metal nitrate A on heating gives a yellowish brown metal oxide along with a brown gas B and a colorless gas C. aqueous solution of A on reaction with potassium iodide forms a yellow precipitate of compound D. identify A, B, C and D
- Q2. Ferrous sulphate crystals decomposes with the evolution of a gas with a characteristic smell of burning sulphur. Write the chemical reaction involved and the type of reaction.
- Q3. A solution of potassium chloride when mixed with silver nitrate solution, an insoluble white substance is formed. Write the type of chemical reaction and the corresponding balanced chemical equation.
- Q4. In a solution of copper sulphate, a strip of metal M was inserted. After sometime, the colour of copper sulphate solution faded away. Which metal is more reactive and which one is less? Give equation . Also mention the type of reaction.
- Q5. Name one metal which can displace zinc from its salt solution and one metal which cannot displace zinc from its salt solution.
- Q6. What happens when limestone is heated strongly? What type of reaction is this?
- Q7. What happens when an aqueous solution of barium chloride is mixed with an aqueous solution of sodium sulphate? Write the equation also.
- Q8. Give an example of a reaction which is both an exothermic and combination reaction
- Q9. Why does milkiness disappear when carbon dioxide is passed through lime water in excess? Q10. Suggest any two observations in an activity which may suggest that a chemical reaction has taken place. Give example in support of your answer.

Q11. What is wrong with the following equation



Q12. Solid calcium oxide was taken in a container and water was added to it slowly.

- i (i) State any two observations made in the experiment.
- ii (ii) Write the name and chemical formula of the product.

PHYSICS

Do the worksheet attached below in physics notebook.

WORKSHEET

Question 1 The refractive index of diamond is 2.42. What is the meaning of this statement?

Question 2 A ray is incident along ACB on a spherical mirror, where C is the centre of curvature.

Question 3 Find the focal length of a convex mirror whose radius of curvature is 32 cm.

Question 4 Why do we prefer a convex mirror as a rear- view mirror in vehicles?

Question 5 What happens when the rays of sun are focused at a point on the paper by using concave mirror?

Question 6 How is the refractive index of an optical medium related to the speed of light in that medium?

Question 7 A 5 cm tall object is placed perpendicular to the principal axis of a convex lens of focal- length 20 cm. The distance of the object from the lens is 30 cm. Find the: (i) position (ii) nature (iii) size of the image formed.

Question 8 4.5 cm needle is placed 12 cm away from a convex mirror of focal length 15 cm. Give the location of image and magnification. Describe what happens to the image as the needle is moved farther from the mirror.

Question 9 An object is placed at a distance of 25 cm away from a converging mirror of focal length 20 cm.

Discuss the effect on the nature and position of the image if the position of the object changes from 25 cm to 15 cm. Justify your answer without using mirror formula.

Question 10 Draw ray diagrams to show the formation of image by an object by a concave lens when the object is placed (i) at infinity (ii) between infinity and optical centre of the lens.

BIOLOGY:

Do the worksheet attached below in biology notebook.

WORKSHEET

1. Why is diffusion insufficient to meet the oxygen requirements of multicellular organisms like humans?

2. What criteria do we use to decide whether something is alive?

3. What are outside raw materials used for by an organism?

4. How are the lungs designed in human beings to maximize the area for exchange of gases?

5. Why is it necessary to separate oxygenated and deoxygenated blood in mammals and birds?

6. How are water and minerals transported in plants?

7. What are the methods used by plants to get rid of excretory products?

8. Describe double circulation of blood in human beings. Why is it necessary?

9. Compare the functioning of alveoli in the lungs and nephrons in the kidneys with respect to their structure and functioning.

10. What are the differences between the transport of materials in xylem and phloem?

Green View Public School
Holidays Homework
Social science
X

GEOGRAPHY

1. Collect information about PARIS CLIMATE AGREEMENT.

ECONOMICS

2. Prepare **Human Development Index** report of top 10 populated states of India.

HISTORY

3. Create a timeline of **Print Culture and The Modern World**.

DEMOCRATIC POLITICS

4. Prepare a report on **Panchayati Raj System** in India.



GREEN VIEW PUBLIC SCHOOL

CLASS – X

HOLIDAY HOMEWORK

SESSION 2020-21

SUBJECT- ART EDUCATION

General Instructions

- **Do all art work neatly.**
- **Do the drawing and colouring work in your drawing file.**

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1. Make a pen stand by following the steps given in your book. (art book page number 110)
 2. Make a beautiful madhubani art of your choice.

GREEN VIEW PUBLIC SCHOOL
HOLIDAY HOMEWORK (2020- 21)
SUBJECT : INFORMATION TECHNOLOGY (402)
CLASS & SEC : X – A , B , C

1. Ms- Word

- Using the Smart Art of MS –word create a chart on the generations of Computer.
- You are Abhinav/Anu of class X. Using the Word Processing Software write an application to the school principal for three days leave.(Using paragraph spacing as 1.5 and all use all required alignment)
- Create a word document and enter some information related to your friends, separated the information with tabs. Now convert the text to the table format. Make the table look beautiful.

2. Create a Powerpoint Presentation on any one of the following topic :

- Cyber Security
- National Integration
- Introduce any new software
- My Inspiration