

GREEN VIEW PUBLIC SCHOOL

HOLIDAY HOMEWORK (2020- 21)

CLASS : IX

Subject : HINDI

1. रसखान के सवैयों में जिस प्रकार ब्रजभूमि के प्रति अनुराग अभिव्यक्त हुआ है , उसी तरह आप मातृभूमि के प्रति अपने मनोभावों को अभिव्यक्त कीजिए ।
2. कोरोना की इस महामारी के दौरान आप एक जिम्मेदार भारतीय नागरिक के रूप में किस प्रकार के दायित्वों का निर्वाह करना चाहेंगे और क्यों ?
3. गद्य खंड और काव्य खंड के प्रश्न - उत्तरों को समझकर , यादकर लिखने का अभ्यास कीजिए ।
4. कवि और लेखक परिचय पढ़कर आपने उनके जीवन से क्या सीखा , अपने शब्दों में लिखिए ।
5. आपकी जानकारी में कहीं संदिग्ध गतिविधियाँ हो रही है , इसकी गुप्त सूचना देते हुए पुलिस अधीक्षक को पत्र लिखिए ।
6. अपने गांव से बस सुविधा प्रारम्भ करवाने हेतु दिल्ली परिवहन निगम के प्रबंध निदेशक को पत्र लिखिए ।
7. निम्नलिखित विषयों पर मौलिक निबंध लिखिए -
 - (क) प्रकृति और हम
 - (ख) आतंकवाद और सम्पूर्ण विश्व
 - (ग) मेरा भारत महान
 - (घ) विज्ञान और मनुष्य

ENGLISH

Q1. Do the Integrated Grammar Worksheet in your English notebook.

I. The following passage has not been edited. There is one error in each line. Identify the error and write it along with the correction. The first one has been done for you as an example.

	Error	Correction
During a summer holidays I accompanied my	a	the
friend from his village. It was a small place consisting	(a)	
of about 200 houses. The villagers are simple people	(b)	
and very hospitable. The natural scenery or fresh	(c)	
air were very soothing. I stayed here for three days	(d)	
and enjoyed myself in the lap of nature.		

II. Complete the passage given below by choosing the correct alternatives from the ones that follow:

As a small boy, I used to play cricket with my mother. She used to bowl (a) me in a small room in our house. There was (b) space so she would kneel and throw the ball gently to (c) Once I hit hard and hit her (d) the nose. It started bleeding and I was frightened.

- | | | | |
|------------|------------|-------------|----------|
| (a) i) for | ii) at | iii) over | iv) to |
| (b) i) few | ii) little | iii) hardly | iv) any |
| (c) i) her | ii) me | iii) us | iv) them |
| (d) i) in | ii) for | iii) on | iv) into |

3. Rearrange the following words or phrases to form meaningful sentences.

- a) railway station / my parents / one evening / along with / to the / I went
- b) crowd at / counter / there was / the ticket / a huge
- (c) their voices / at the / the hawkers / top of / were shouting
- (d) arrived / started / compartment / the passengers / from one / running / to another / the train / and

Q2. Make a power point presentation on COVID-19 (which includes its causes, reasons, symptoms, cases in all over India, treatments, role played by WHO)

Q3. Revise all the syllabus completed till May.

MATHS

- 1. Revise chapters: Number system, Polynomial Coordinate geometry and Heron's Formula by N.C.E.R.T and by any reference book.
 - 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. Prepare newspaper on maths including new inventions, modern and traditional maths, mathematician and use of his invention in daily life.
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SCIENCE

CHEMISTRY:

- 1. Prepare a project based on "Plasma Therapy" which is being used in the corona treatment.
- 2. Draw a 3D chart on any one of the topic –
Sublimation, evaporation, inter conversion of states of matter.
- 3. Do the worksheet attached below in chemistry notebook.

WORKSHEET

Q1 Account for the following

- a) Dogs generally hang out their tongue in summer
- b) Smell of lighted incense stick spreads several meters away
- c) Sponge though compressible is a solid

Q2 Water as ice has a cooling effect whereas water as steam may cause severe burns.

Explain these observations.

Q3 Discuss the effect of increasing temperature and pressure on the liquid state of a substance. Are these effects similar? If not assign reasons.

Q4 5ml of water was taken in a test tube and china dish separately. These samples were then kept under different conditions as below-

Both the samples are kept under a fan

Both the samples are kept inside a cupboard

- a) State in which case evaporation will be faster? give reasons
- b) How will the rate of evaporation change if above activity is carried out on a rainyday? Justify

Q5 Explain how will you separate Ammonium chloride and common salt using sublimation.

Q6 Write an activity to prove that liquids of different densities diffuse at different states.

Q7 All of us are familiar with LPG cooking gas cylinder used at home

- a) What is the full form of L.P.G?
- b) What is it composed of?
- c) In what form gas is stored? What are the factors responsible for it?
- d) What is the change observed when regulator is opened? Why?

Q8 Convert

a) 5

0C to Kelvin

b) 345 K to o C

Q9 At What temperature on the kelvin scale does ice melt? Draw a diagram to show set up of melting point of ice.

PHYSICS:

I. Plan to go to a place by a vehicle. Take readings of odometer and speedometer after every 5 minutes till you reach your destination. Record these observations in tabular form; plot graphs between distance-time and speed time. State whether this motion is uniform or non-uniform.

II. Do the worksheet attached below in physics notebook.

WORKSHEET

1 Mark questions

- Q. 1. The displacement of a body can never be greater than the distance covered by a body. Is the statement true or false?
- Q. 2. Give two examples of vector quantities.
- Q. 3. What is the nature of distance time graph for uniform motion of an object?
- Q. 4. What is the acceleration of a freely falling body?
- Q. 5. What is the acceleration of a body moving with uniform velocity?
- Q. 6. What does the slope of a distance-time graph gives?
- Q. 7. What does the area of a velocity-time graph gives?

2 Marks questions

1. An object is moving up an inclined plane. Its velocity changes from 15m/s to 10m/s in two seconds. What is its acceleration?
2. A body covered a distance of x metre along a semicircular path. Calculate the magnitude of displacement of the body, and the ratio of distance to displacement?
3. A particle moving with an initial velocity of 5m/s is subjected to a uniform acceleration of -2.5m/s^2 . Find the displacement in the next 4 sec.
4. A car covers 30km at a uniform speed of 30km/hr. what should be its speed for the next 90 km if the average speed for the entire journey is 60km/h?
5. Give one example of a uniformly accelerated motion.

3 Marks questions

1. A car moving along a straight line at a speed of 54km/hr stop in 5s after the brakes are applied.
 - (a) Find the acceleration, assuming it to be constant.
 - (b) Plot the graph of speed versus time.
 - (c) Using the graph. Find the distance covered by the car after the brakes are applied?
2. A vehicle moves at a speed of 40 km/h. It is stopped by applying brakes which produces a uniform acceleration of -0.6m/s^2 . How much distance will the vehicle move before coming to stop?

BIOLOGY:

1. Prepare a project on 'Genetically Modified Organisms' with pictures.
2. Do the worksheet attached below in biology notebook.

WORKSHEET

- Q.1 Maize and Millets are Pulses. Mention True/False.
- Q.2 What is the Scientific name of Honey Bee?
- Q.2 What led us to improve food grain production?
- Q.3 Which revolution led to the availability of milk for efficient use?
- Q.4 What is the process of injecting semen of desired bull into the vagina of cows is called?
- Q.5 Name any one exotic breed usually used for variety of improvement programmes.
- Q.6 What is the significance of GMC
- Q.7 Mention the significance of Irrigation in developing agriculture.
- Q.8. What is Pest and give one example.
- Q.9 What is Weed and give one example.
- Q.10 Give two examples for Inter-cropping.
- Q.11 Distinguish between Kharif and Rabi Crops
- Q.12 What is called Sustainable Practice in improvement in food resources.
- Q.13. Mention three techniques of Hybridization used to achieve desirable agronomic characteristics.
- Q.14.Distinguish between Macro Nutrients and Micro Nutrients
- Q.15 Distinguish between Compost and Vermi Compost.
- Q.16 Distinguish between Cattle farming and Poultry farming.
- Q.17 Distinguish between Fish farming and Bee keeping.

SOCIAL SCIENCE

GEOGRAPHY

1. Collect information about the 'Silk Route'. Also find out the new developments, which are improving communication routes in the regions of high altitude.

ECONOMICS

2. Prepare economic story of village Palampur.

HISTORY

3. Timeline of the Revolution: The French Revolution spanned over ten years. There are many key moments that changed its direction over this period. Create a timeline of pivotal moments in the Revolution.

DEMOCRATIC POLITICS

4. Examine the History of Voting.
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ART EDUCATION

NOTE:- All the work should be done by your own creativity.

1. Make a beautiful Poster on corona virus in your art file.
 2. Make a beautiful Paper Roll Butterfly.(Refer your book's page no.111)
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SUBJECT : COMPUTER APPLICATION (165)

CLASS & SEC : IX – A , B , C

1. Design the given assignments, take the print and attach in your practical file. (Refer book)
2. Design a greeting card for your teacher wishing her a happy teacher's day. Use pictures and word Art.
3. Design a presentation for advertising a product produced by a company. The presentation consist of five slides .
4. Presentation on your school. It should have minimum 5 slides.

Note: learn the work done in the notebook.