

GREATER TRIVENI PUBLIC SCHOOL, LOHARDAGA

Summer Vacation Holiday Homework

Session 2022-23

Class-IX

Subject- Maths

1. Draw the Diagrams of all 3 D figures on a chart paper and mention their Edge'Face and Vertex.And write the formula for 'Total surface area','Lateral surface area'and Volume.
2. Define number system
Write all types of numbers with examples .and their different operations(addition'subtraction..etc)
3. Do Chapter 1 from NCERT.

Subject - Information technology.

Activity work

1. Analyze the effect of ICT in the field of education. Compare it to conventional method and determine if they are advantageous. List the advantages too.
2. Make a collage depicting how IT has made our life easy.

Subject - S.St.

Subject - Geography

Project Work.

- 1.Find out the longitudinal and latitudinal extent of your state.
2. Collect information about the 'Silk Route' also find out the new developments. Which are improving communication routes in the reasons of high altitude.

Map Skills.

On an outline map of India show the following.

- 1.Mountain and hill ranges -The Karakorum ,the Zaskar, the Patkai Bum, the Jaintia, the Vindhya, the Aravali and the Cardamom hills.
- 2.Peaks - K2, Kanchanjunga, Nanga Parbat and the AnaiMudi.
- 3.Plateaus, Chotanagpur and malwa.
- 4.The Indian desert western ghats, Lakshadweepislands.

Subject - Economics

1. The table 1.2 (Page No 05) shows the production of wheat and pulses in India after the Green Revolution in units of million tonnes. Plot this on a graph. Was the Green Revolution equally successful for both the crops? Discuss.
2. Explain Factors of Production.

Subject - HISTORY

- 1- Write the following in about 100 words
a- History of Russia b-what is USSR? Why it broke?

Sub : Chemistry

Explain why?

- i. A gas fill a vessel completely.
- ii. Camphor disappears without leaving any residue.

- iii. The temperature does not rise during the process of melting and boiling, through heat energy is constantly supplied.
- iv. Water stored in an earthen vessel becomes cool.
- v. An iron almirah is a solid at room temperature.

Sub : Biology

Answer the following questions-

1. what will happen if chloroplast is taken out of the cell and illuminated?
 2. Explain the process of osmosis in detail?
 3. why plant cell is more rigid than animal cell?
 4. what is the difference between plant cell and animal cell. explain with diagram?
 5. Name the smallest cell in the body?
- B. complete the notes upto the topic discussed in the class.

Sub : Physics

1. A body moving with an initial velocity of 20 m/s has an acceleration of 4 m/s^2 . Find the velocity of the moving body after 4s and distance traveled in that time?
2. A car accelerates uniformly from 18 km/h to 36 km/h in 5 s. Calculate
 - (a) Acceleration
 - (b) The distance covered by the car in that time.
3. A stone is thrown vertically upward with the speed of 10m/s. The stone reaches the maximum height of 5 m. Calculate the time taken to reach the maximum height and the velocity of stone at that point.
4. A car is travelling with speed of 20km/h. It acquires the velocity of 30 km/h in 5 sec. Calculate the acceleration and distance covered by the car.
5. A ball is dropped from the height of 20 m. Calculate (a) the time taken by the ball to reach the ground and (b) the velocity with which the ball strikes the ground.

Subject - Hindi

- 1 = कबीर दास जी, माखनलाल चतुर्वेदी, सुमित्रानंदन पंत तथा तुलसीदास जी का जीवन परिचय लिखिए।
- 2 “ प्रातःकाल भ्रमण की उपयोगिता “ विषय पर अनुच्छेद लिखिए।
- 3 . “ यदि मैं प्रधानाचार्य होता ” विषय पर निबंध लिखिए।
- 4 . अस्वस्थ होने के कारण परीक्षा ना दे सकने वाले मित्र को प्रेरणा पत्र लिखिए।
- 5 . अपने शहर में हो रहे अवैध निर्माण और उसके कारण नागरिकों को हो रही असुविधा की शिकायत करते हुए राज्य के शहरी विकास मंत्री को पत्र लिखिए।
- 6 पाठ ' वाख ' के सभी प्रश्नोत्तर को लिखे व याद करें।

Subject- English

- Q1. Write a biography of Ustad Bismillah Khan as a dedicated maestro. Also Mention his dedication, talent and simplicity. (250 words)
- Q2. Write a biography of Ruskin Bond, his lifestyle writing skills, awards reward and his success journey. (200 words)
- Q3. Books have been called 'our best companion'. But with the time books seems to be losing their importance as people drift away from reading in this technology-filled advanced world. Write an article in 200 words. Must draw some attractive pictures and use colour pencils.
- Q4. Write a story in about 200 words with the following ending and give a suitable title to the story. You can begin the story in your own way, but the ending line has to be the one given below.
..... Ultimately, we completed the mission in the biggest pandemic of the world, that we had seen 2 years ago.
- Q5. Make a note on Active and Passive voice and mention its uses. Write with details and give examples also.
- Q6. Define and give examples of the following literary device in A4 size white paper. You can use colour pencils, glitter etc to make it attractive.
- Metaphor
 - Personification
 - Simile.
 - Irony
 - Imagery
 - Allusion
 - Rhyming scheme.
 - Satire
- Q7. Design a poster on "World Environment Day" and give message that how can we keep our environment safe, clean and green. Use colourful pencil, glitter etc.

Subject- Sanskrit

Project work –

वर्णा नानि उच्चारण स्थानानि चित्रसङ्गत लिखत।

स्वर्ण काक अस्य विषय चित्र सहित कथा लिखत।

Summary+ picture

अनुच्छेद लेखन

१. यु क्रेन रुस विषये दश वक्यानि।

२. जल प्रदूषणं

३. हिमालय- विषये

गीतायाः उपदेश चत्वारः श्लोका लिखत स्मरत।