



ARMY PUBLIC SCHOOL GWALIOR
CLASS – XII
ACADEMIC SESSION 2023-24
HOLIDAY HOMEWORK



SUBJECT- ENGLISH

Q1. <https://youtu.be/gxtjzh4M7i4>

Watch the movie The Last Lesson and write down a new ending of the lesson after the class is dismissed by M Hamel.

Q2. Your School Magazine is going to be published next month. Write an article/story/poem for printing in the magazine.

Q3. Prepare and record your own video of 5 min sharing the pictures of children working as labour at different places and your experience of witnessing child labor in your city.

SUBJECT- HINDI

प्रश्न- 1 रचनात्मक लेखन

क. जब अंतरिक्ष में घर बन जाएँगे

ख. शहरो में बढ़ता टैफिक जाम

ग. पर्वतीय यात्रा के दौरान जब अचानक भूस्खलन हुआ

घ. हास्य कलाकार से भेंट का अनुभव

SUBJECT- MATHEMATICS

1. Visit to a stationary shop and do a survey on the sale of three stationary products Pencil, Eraser and Sharpener in two different time periods (April - September and October – March). Collect the information about the number of articles sold, unit sale price and unit cost price in above time periods. Based on the collected data find the revenue, total cost and total profit of shop in both time periods. Also find the gross profit of the shop.

2. Organize a group outing to donate some money to children of an orphanage home. If there were 8 children less, everyone would have got Rs 10 more. However, if there were 16 children more, everyone would have got Rs 10 less. Based on above information find the number of children who were given some money and how much to each child by you. Also find how much amount you spend in distributing to all the children of Orphanage? Help yourself in calculation using matrix algebra.

SUBJECT- PHYSICS

Prepare an investigatory project report on any one topic including the following points:

Heat Transfer in an Incandescent Lamp

Use and Impact of Recycled Materials for Thermal Insulation

The Future of Electricity: A Study of Wireless Energy

.To research and discover novel electricity generating methods

To generate electricity by waste material.

1. Introduction to the topic
2. Research and Analysis
3. Theory
4. Data collection
5. Conclusion

SUBJECT- CHEMISTRY

1. Conduct a survey in your locality and find out house hold articles made of polymers.(Any Five)

2. Write down

A Name of the artical

B.Name of polymer

C.Chemical structure of polymer

D.Preparation

E.Other uses

SUBJECT- BIOLOGY

1. Study and use of various media and techniques to the extent of their availability and conduct a monohybrid and dihybrid cross between plants of the same species and answer the following questions:
 - a. What are the phenotypic and genotypic ratio you get in your cross?
 - b. Briefly describe incomplete dominance and codominance.
2. Organise an outing and conduct a pedigree analysis for colour blindness of a family and answer the following questions:
 - a. Is it dominant or recessive?
 - b. Is it sex linked or autosomal?

SUBJECT- ACCOUNTANCY

- i. Students are required to download the financial statements of any public ltd. Company.
- ii. Observe and analyze the financial statements and write your comments as per your understanding.

SUBJECT- BUSINESS STUDIES

- i. Students are required to select any 10 Public Ltd. Companies listed in BSE /NSE and observe the fluctuation in their share prices for 15 days.
- ii. Prepare a Bar/ Line diagrams based on data collected of share prices of all companies.
- iii. Comment upon the trends shown by the Bar / Line diagrams of different companies.

SUBJECT- ECONOMICS

1. Students are required to visit a nearby Petrol pump station and do the followings:
 - (i) Make a record of Petrol and Diesel prices on daily basis for a period of 15 days in a file.
 - (ii) Present the data collected with the help of schedule and Time series line diagram.
 - (iii) Comment on the reasons responsible for the fluctuations in the prices of Petrol and Diesel.
2. Write a short report on the impact of Russia and Ukraine war on the economy of Russia, Ukraine and Rest of the world. Use pictures.

OR

Write a short report on the impact of Covid-19 on the economy of India and Rest of the world. Use pictures.

SUBJECT- HISTORY

1. Collect five different kinds of currency notes and coins in circulation today. For each one of these, describe what you see on the obverse and the reverse (the front and the back). Prepare a report on the common features as well as the differences in the terms of pictures, scripts and languages, size, shape and any other element that you find significant. Compare these with the

coins of Gupta Period, Identifying the materials used, the techniques of minting, the visual symbols and their significance and the possible functions that coins may have had.

OR

Collect newspapers for 15 days. Cut and paste all the statements made by government official about public works. Note what the reports say, who issues these statements, and how and why they communicated? Compare and contrast these with the evidence from inscriptions discussed in the Ashokan Period. What are the similarities and differences that you notice?

2. Visit a near by monument (fort archive), collect illustrations of ten things made of stone, metal and clay produced and used at present. Compare these with the pictures of the Harappan civilization and identify the similarities and differences that you find.

SUBJECT- POLITICAL SCIENCE

1. Watch the film “Klondike”, “A docu-series “Ukraine on Fire 2” and “ Read News Paper reports & watch daily news about Russia and Ukraine war on T.V. Prepare a analytical elucidation on Ukraine & Russian relations and it’s impact on world politics.

OR

Gather information on India’s present relation with USA and Russia. Do you think India should improve its relations with USA so that it does not need help of Russia. Make a report.

2. Oil as an important resource in Global strategy affects the geopolitics and Global economy. Prepare a brief report on it.

SUBJECT- PHYSICAL EDUCATION

Collect and compare your data of Physical Fitness Test: SAI Khelo India Test (1st: First week of summer vacation & 2nd: Last week of summer vacation).

- 1) BMI
- 2) 50mt Speed test
- 3) 600mt Run/Walk
- 4) Sit & Reach flexibility test
- 5) Strength Test (Abdominal Partial Curl Up)
- 6) Push-Ups for boys, Modified Push-Ups for girls.

SUBJECT- PAINTING

Q.1. 3 Object drawing draw on half imperial sheet.

Q.2. Two composition drawing draw and colour on half imperial sheet.

SUBJECT- PSYCHOLOGY

Organize a group outing to a park or a garden. Conduct a survey to understand the mental health benefits of outdoor activities on people's moods and attitudes. Collect data and analyze it. Write a report on the findings.

Watch any film or read a book depicting a psychological disorder /learning disability and answer the following questions:

Trace the concept of abnormality over the ages.

Briefly explain the disorder/disability depicted in the film/book.

What are the symptoms of the disorder? How effectively was the character.

SUBJECT- NCC

Make any one Poster Topics given below (Size half drawing sheet) :

1. Health and Hygiene
2. Save Environments
3. Water Conservation

The poster has to be displayed in the public area and a video has to be made of the reaction of the public.