

HOPE HALL FOUNDATION SCHOOL
HOLIDAY HOMEWORK (2024-25)
CLASS – IX

Date: 21.5.24

ENGLISH

1. Write an article or a poem on the topic “women empowerment”.
2. Write short bio-sketch of following authors in not more than 100-120 words including their birth, childhood, education, profession, literary career, awards and recognition and so on-

Robert Frost
Ruskin Bond
Oscar Wilde

3. Develop the habit of reading English newspaper. Make a list of at least 100 new words along with meaning.
 4. From the base form of the verb form adjectives, adverb, nouns wherever possible by selecting minimum 30 words from the dictionary.
- Note- Do these questions in a separate notebook.

FRENCH

Q-1 Revise whatever done so far

Q-2 Prepare a list of 20 words /expressions and make sentences with the same.(note book)

Q-3 Make a chart on any grammar topic.

Q-4 Une présentation doit être fait :(10 à 12 diapositives)- Ma famille.(en décrivant, les noms, âge, personnalité physique et psychologique et préférence)

Q-5 Réalisez la brochure touristique sur une ville de la France.

हिंदी

प्रश्न 1 महादेवी वर्मा ,श्रीराम शर्मा जी की जीवनी , हिन्दी साहित्य को योगदान , कम से कम 5-5 कृतियों का चित्र सहित वर्णन करिए ।

प्रश्न 2 अखबार या पत्रिका से काट कर पाँच चित्र अलग - अलग पेज पर चिपकायें तथा चित्र वर्णन करिए , शब्द सीमा 80-100

नोट - रंगीन A 4 शीट पर करें और सुंदर सी फाइल में संलग्न करें

प्रश्न 3 संवाद लेखन 100 शब्दों में करें -

दादी और पोती के बीच महिलाओं की शिक्षा और उनके कामकाजी होने के विषय में ।
दूरदर्शन पर प्रसारित कार्यक्रमों को लेकर दो दर्शकों के मध्य संवाद ।

प्रश्न 4 पाठ ३ व्याकरण पुस्तक से पढ़िये और 50 शब्द लिखिए जिनमे उपसर्ग या प्रत्यय लगा हो । उदाहरण

अति (उपसर्ग) + अंत (मूल शब्द) =

नोट- प्रश्न 3 और 4 प्रैक्टिस कॉपी में करें ।

संस्कृत

(क) पाठ १,२,३ के शब्दार्थ लिखिए व कंठस्थ कीजिए।

(ख) पाठ २ के लेखक का संस्कृत में जीवन परिचय लिखिए।

(ग) गोदोहन पाठ का सार अपने शब्दों में लिखिए।

(घ) प्रथम पाठ के सभी श्लोकों को लिखिए व कंठस्थ कीजिए।

(ङ) पाठे प्रथमं वीणायाः चर्चा अस्ति। अन्येषां पञ्चवाद्ययन्त्राणां चित्रं रचयित्वा संकलय्य वा नामानि लिखत।

यह सभी कार्य संस्कृत कार्य पुस्तिका में कीजिए।

SOCIAL SCIENCE HISTORY

Project Work

1. Observe Fig 12 in your History Text Book and prepare a report on the day to day life of French women and their struggle for equal political Rights during the 18th to 20th century.

Paste pictures or draw sketches of Women leaders. (200-250 words)

2. Draw and colour the political symbols associated with French Revolution. Also identify the symbols which stand for liberty, equality and Fraternity. pg-13

3. Locate and mark France and its neighbouring countries on the World Map (Political).

Note: Do HHW in your in History Note book.

GEOGRAPHY

1. Name the regions in India where we experience winter rainfall.

2. What is loo? Do you experience loo in Delhi? If yes, mention various ways to protect yourself from loo.

Project Work

3. Physical Features of India Ch -2

Choose any one of following Physical Features of India

i) The Himalayan Mountains

ii) The Northern Plains

iii) The Peninsular Plateau

iv) The Indian Desert

v) The Coastal Plain

vi) The Islands

Collect information about it regarding climate, soil, rivers, water bodies, flora and fauna, people, important destinations etc. Paste relevant photographs, diagrams and maps

(Word limit-200-250 words,) **Note:** : Do HHW in your in Geo. Note book.

DISASTER MANAGEMENT

Prepare a Project work on Disaster Management (Word limit-500 words)

Note: To be done in a small note book

Topics: Choose any one of following:

Tsunami (R.No. 1-3)

Flood (R.No. 4-6)

Typhoon (R.No. 7-9)

Earthquake (R.No. 10-12)

Avalanche (R.No. 13-16)

Cyclone (R.No.17-19)

Heat Wave (R.No 20-23)

Hail Storm (R.No. 24-27)

Wild Fire (R.No. 28-30)

Landslides (R.No. 31- 33)

Any epidemic (R.No 34 onwards)

Your project work should include the following:

i) Definition of Hazard

ii) Natural Hazard and Human made Hazard

iii) Definition of Disaster

iv) Common Features of a Disaster

v) Any two examples with pictures

vi) Type of Disasters

vii) How does a hazard becomes a Disaster?

viii) Definition of Vulnerability and risk with examples

ix) Different Phases of Disaster Management

x) Managing Disasters – The Role of Students

POLITICAL SCIENCE

Do HHW in your Pol. sc. Note book.

1. What is Democracy ? Why is it most popular system of government in the world?

2. What is a Model Code of Conduct?

3. Name the political parties who contested in the Lok Sabha Elections 2024. Also draw their symbols.

2. Find out the following about the Lok Sabha Elections: (Do it in a tabular form.)
- Name of the states and the Union Territories.
 - No. of seats for the Lok Sabha from each states and Union Territories.

ECONOMICS

- Q1 Discuss the problems of Indian farmers are facing.
- Q2 Explain the different farm and nonfarm activities in the village Palampur.
- Q3 Write briefly on any one renowned industrialist who has inspired you.

All the above questions to be done in assignment copies.

MATHEMATICS

1. Calculate the value of $9x^2 + 4y^2$ if $xy = 6$ and $3x + 2y = 12$.
2. Using the Factor Theorem determine whether $g(x)$ is a factor of $p(x)$ in the following case
- $p(x) = 2x^3 + x^2 - 2x - 1$, $g(x) = x + 1$
3. Expand each of the following, using all the suitable identities:
- $(x + 2y + 4z)^2$
 - $(2x - y + z)^2$
 - $(-2x + 3y + 2z)^2$
 - $(3a - 7b - c)^2$
 - $(-2x + 5y - 3z)^2$
4. Find the value of $x^3 + y^3 + z^3 - 3xyz$ if $x^2 + y^2 + z^2 = 83$ and $x + y + z = 1$
5. If $a + b + c = 15$ and $a^2 + b^2 + c^2 = 83$, find the value of $a^3 + b^3 + c^3 - 3abc$.
6. $(x - 1/x) = 4$, then evaluate $(x^2 + 1/x^2)$ and $(x^4 + 1/x^4)$.
7. Factorise
- $64m^3 - 343n^3$
 - $x^2 + 1/x^2 + 2 - 2x - 2/x$.
 - $x^2 - 1 - 2a - a^2$.
8. Complete Activities 1 to 5 in Mathematics practical file

SCIENCE

PHYSICS

- Q1. Make a project/ model on any one of the following topics-
- Types of motion
 - Hydraulic lift
 - Laws of motion
 - Archimedes principle
 - Propagation of sound waves.
- Q2. Draw displacement versus time graph showing-
- Uniform motion

- B. Non- uniform motion
- C. Object at rest
- D. Constant acceleration
- E. Non- uniform velocity

Numericals

- Q3 A truck travelling at 108 km/h slows down to 36 km/h in 10 sec. Find the retardation.
- Q4 A scooter travelling at 10 m/s speed, up to 20 m/s in 4 sec. Find the acceleration of scooter.
- Q5. An object travels 200m in 2 s and then another 160 m in 4 s. What is the average speed of the object?
- Q6. Change the speed of 6 m/s into km/h.
- Q7. Under what conditions can a body travel a certain distance and yet its resultant displacement be zero ?
- Q8. Which of the two can be zero under certain conditions : average speed of a moving body or average velocity of a moving body ?
- Q9. A bus is moving with a speed of 60 Km/hr. The driver applies brakes and the truck finally stops after 10 seconds. Find the distance moved by truck before stopping.
- Note- Holiday Homework (Q2 to Q9) is to be done in Physics Notebook

CHEMISTRY

- Q1. Read about at least five scientists and their contribution in chemistry and write at least 50 words on each scientist on A4 sheet. Also paste pictures of scientist on same A4 sheet.

BIOLOGY

- Q1. What are the three components of a cell ? Explain the characteristic feature of plasma membrane .
- Q2. What are the three types of solutions? What happens to an animal cell when it is kept in these solutions ?
- Q3. Expand the term DNA. What is its importance in a the cell ?
- Q4. What is ER? Draw the structure of it and explain its function.
- Q5. Draw labeled diagrams of typical animal cell, plant cell and a bacterial cell .

COMPUTERS

PROJECT WORK

- Q1- Create a poster for “Air Pollution” in WRITER with the following features and paste in chart.
- 1.Fontface 2.Fontsize 3.Fontcolor 4. Header &Footer 5. Images
- Q2: Create a list of 10 students by inserting a table in Writer with the following fields
- 1.Sr. No. 2.StudentName 3.Father’sNam 4. City
- Q3:- Create an article on “Gandhi & Modern India” using maximum feature of Writer.

PAINTING

- Q.1- Draw a poster on “voting awareness” and colour it with poster colours.
- Q.2- Write a slogan on “Save environment” and colour it with water colours/ poster colours or pencil colours.
- Q.3- Draw a painting on “Woman empowerment” and colour it with water colours/ poster colours or pencil colours.

Note- Use drawing file for all the work.