ENGLISH

First Flight:- 1. Read and complete the Q/A of A Letter to God

Footprints Without Feet:- 1. Read and complete the Q/A of The Triumph of Surgery and The Thief's Story

Grammar and Writing Section

1. Make a fair note of Verb-forms, Articles and Prepositions [From a sample book]
2. Read any story and write a review on that in your fair copy.

SANSKRIT

शेमुषी भाग-2:- 'बुद्धिबलवती सदा' पाठ के सभी प्रश्नोत्तरों को अभ्यासपुस्तिका (HW) में लिखें।

व्याकरण-

(1)-संधि -जश्त्व संधि(तृतीय वर्ण में परिवर्तन),प्रथमवर्ण का पंचमवर्ण में परिवर्तन, उत्व, रत्व, एवं सत्व संधि के दस-दस उदाहरणों को संधि व विच्छेद करके लिखें।

समास -तत्पुरुष समास के पन्द्रह उदाहरणों के समास व विग्रह कर लिखें।

प्रत्यय-मतुप् प्रत्यय के दस उदाहरणों का प्रयोग वाक्यों में करके प्रकृति-प्रत्ययों को संयोज्य व विच्छेद करें।

अव्यय- उच्चैः च, श्व, ह्यः, अत्र, तत्र ,यत्र, कुत्र ,इदानीम् ,यदा तदा, कदा एवं सहसा अव्ययों का प्रयोग वाक्यों में करें।

परियोजना-कार्य- ,शुचिपर्यावरणम्' पाठ के सभी श्लोकों को लयबद्ध करके अपनी आवाज में विडियो बनाएँ।

HINDI

०१. (क्षितिज) 'सूरदास के पद', 'राम-लक्ष्मण-परशुराम-संवाद', 'नेताजी का चश्मा', तथा 'बालगोबिन भगत' पाठ के प्रश्नोत्तर लिखकर याद करेंगे।

०२. (व्याकरण) * रचना के आधार पर वाक्य के भेदों की सोदाहरण परिभाषा लिखकर याद करेंगे।

** वाच्य तथा इसके भेदों की सोदाहरण परिभाषा लिखकर याद करेंगे।

०३. ग्रीष्मावकाश आप कहाँ और कैसे व्यतीत करेंगे,इसकी जानकारी देते हुए अपने मित्र/सहेली को पत्र लिखेंगे।

०४. (परियोजना कार्य) सूरदास तथा तुलसीदास की सचित्र (चित्र के साथ) साहित्यिक जीवनी लिखकर फाइल में जमा करेंगे।

MATHEMATICS

1. **COMPLETE CHAPTERS**

   i) Real Numbers   ii) Polynomials

   FROM NCERT TEXTBOOK

2. **PROJECT WORK:-**

   Write biography of an Indian Mathematician and Mention his/her Contribution in the field of Mathematics.

3. **ACTIVITY:-**

   i) TO draw the graph of a Quadratic Polynomial and observe:-

   a) The shape of the curve

   When the coefficient of x^2 is positive.

   b) The shape of the curve

   When the coefficient of x^2 is negative.

   c) Its number of zeroes. (IN MATHEMATICS LAB MANUAL COPY)

SCIENCE
CHEMISTRY

1. Learn and write the following chemical reaction with example

(a) Combination reaction   (b) Decomposition reaction   (c) Displacement reaction

(d) Double displacement reaction   (e) Precipitation reaction   (f) Endothermic reaction

(g) Exothermic reaction   (h) Redox reaction   (i) Rancidity

(j) Corrosion

Project: Write an activity of displacement reaction with diagram (on chart paper)

PHYSICS

1. Do the Chapter -Light Question nos. - 12,13,14 and 15.
2. Draw a ray diagram for concave and convex mirror (all cases).

Project work:-

1. Draw a labeled diagram to show the refraction of light when light travels from air into glass and then comes out to reach air on chart paper.

BIOLOGY

1. Explain the mechanism of PHOTOSYNTHESIS.
2. Discuss the ways in which Glucose is broken down in absence or shortage of oxygen.
3. Draw a sectional view of the Human Heart and label it. Explain the process of Double Circulation with proper diagram.
4. Give the structure and function of Nephron.

👉 Project—

Prepare an Art Integrated project on Modes of Nutrition in different organisms including Human beings.

SOCIAL SCIENCE

SECTION A (GEOGRAPHY/ECONOMICS)

1. Why is per capita income of different countries calculated in dollars and not in their 1own currencies by the world bank?
2. Define:
   (i) Infant Mortality Rate (ii) Literacy Rate
   (iii) Net Attendance Ratio (iv) BMI
3. What is Human Development Index?
4. Why is the total income of countries not used to make comparisons between them?
5. What are the factors that determine the use of land?
6. What was the views of Gandhiji on resource conservation?
7. Write a paragraph on the stages of resource planning.
8. What is the classification of alluvial soils on the basis of their age? Mention their characteristics.
9. Describe the five factors that determine soil fertility.
10. Why land use data has been available for just 93% of total reported area in India?

SECTION B (HISTORY/POL. Sc)

1. What is nationalism? When did it emerge in Europe? What was its effect?
2. Explain the concept of nation state and Modern State.
3. What steps did the Franch revolutionaries take to create a sense of collective identity among the French people?
4. How has French artist, visualised in his first print of the series of four prints, his dream of a world made up of democratic and social republics? Explain.
5. Why is the ethnic composition of Belgium complex?
6. Compare the power sharing made of Belgium and Sri Lanka.
7. What is horizontal division of Power?
8. What is Vertical division of power?

INFORMATION TECHNOLOGY

Write the notes of the following topics :-
1. Define:Communication, Types of communication, Elements of communication, Template
2. How we can remove the barriers in communication?
3. What are the 7Cs of effective communication?
4. Write the Steps of Mail merge.
5. Write the steps to create TOC.
6. What do you mean by Styles. Write it's kinds?

* *HAPPY HOLIDAY* *

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