## 1. SCIENCE

i. CHEMISTRY
Solve all the question from Chapter 4 Structure of the Atom (NCERT Intext and Exercise)
ii. PHYSICS
Solve the NCERT Exercise questions on your classwork copy from the chapters:
1. Work, Energy and Power    2. Sound.
iii. BIOLOGY
**SHORT ANSWER QUESTIONS**
1. Explain two ways in which animal husbandry contributes to the economy of a country.
**LONG ANSWER QUESTIONS**
1. Describe the management practices necessary for dairy farming. Explain how these practices ensure better milk production.
2. Explain the different steps involved in the production of high-yielding breeds of cattle. How do these methods help in meeting human needs?
3. Suggest and explain ways to improve animal husbandry practices to meet the increasing demand for food.
**CRITICAL THINKING**
Case Study
A farmer in a rural area has limited resources and wants to start animal husbandry as a source of livelihood. Considering the local climate and availability of fodder, the farmer has the option of rearing either Cattle or poultry.
a. Analyze the situation and suggest which option would be more suitable.
b. Justify your answer with relevant points on cost, maintenance, and profit.

## 2. HINDI

प्रश्न 1 निम्नलिखित विषय पर 120 शब्दों में एक अनुच्छेद लिखिए ।।

(क) चरित्र निर्माण में संगत की भूमिका (ख) विज्ञापन की दुनिया (ग) आधुनिक जीवन शैली और स्वास्थ्य ।

प्रश्न 2 दो औपचारिक और दो अनौपचारिक पत्र लिखें।

प्रश्न 3 (1) बड़े भाई की शादी पर आमंत्रित करने के लिए अपने मित्र को एक ई-मेल लिखें ।

(2) ठंडी की छुट्टी साथ बिताने के लिए अपने मित्र को ई-मेल लिखिए

प्रश्न 4 (1) जल संरक्षण के प्रति जागरूकता बढ़ाने के लिए एक आकर्षक विज्ञापन बनाइए ।

(2) प्रदूषण से बचने के लिए पर्यावरण विभाग की ओर से जनहित में जारी एक आकर्षक विज्ञापन बनाइए ।

प्रश्न 5 (1) क्रिसमस साथ मनाने के लिए दो मित्रों के बीच का संवाद लिखें।

(2) वार्षिक खेलकूद प्रतियोगिता के लिए अपने विद्यालय की ओर से एक सूचना लिखें।

## 3. MATHEMATICS

Q1. Two parallel lines are cut by a transversal. If one of the corresponding angles is 65°, find the measures of all the other angles formed. Give reasons for each step.

Q2. In Δ ABC, AB=AC. If ∠B= 70°, find ∠A and ∠C. State the property used.

Q3. Prove that the sum of the angles of a triangle is 180°.

Q4. Plot the points A (2,3), B (-2,3), and C (0-3) on a graph paper and join them to form a triangle.

(i) Name the type of triangle formed.

(ii) Write one property of this triangle.

## 4. ENGLISH

Answer the following questions

1. How was the arrival of the Country Inspector beneficial to Margie?

2. 'Machines can't replace human being ' Explain this in reference to the lesson 'The Fun They Had'.

3. Justify the title of the chapter 'The Sound of Music'.

4. Kezia's father was actually different from what he appeared to Kezia. Justify

5. Einstein succeeded in his professional life, but failed miserably in his personal life. According to you which is more important - family or profession?

6. "A patient should never lose hope of getting well". Justify your answer with the reference to chapter 'The Last Leaf'.

7. Describe the incident that led Johnsy to change her mind.

8. What all disturbed in the story ' A house is not Home'? How did he come to a state of normalcy?

9. Write ten examples of co-relative conjunctions.

10. Write ten examples of adverb phrase.

11. Write a letter to the editor suggesting ways to control the spread of fake news on social media.

12. Write an article on the topic: Importance of Time management.

## 5. SOCIAL – STUDIES

## Geo-Population

1)What are the three main determinants of the density of population in India?

2)What are the significant features of the National Population Policy 2000?

3)Distinguish between population growth and Population change.

## Natural Vegetation and wildlife

Natural Vegetation and wildlife map pointing of National Park and Wild life sanctuaries.Locate these on India's political Map and states name and animals.


a)Jimcorbett,b)Kaziranga,c)Ranthambore,

d)Shivpuri,e)Kanha f)Manas g)Shimlipal

h)Sariska i)Bharatpur


## 6.IT

Prepare Lab Manual( do the 10 activities)