

PRAYAG PUBLIC SCHOOL
WINTER VACATION HOME-WORK(2025-26)
CLASS – 7th

SUBJECT – SCIENCE

- Q1. Draw the structure of human heart and explain its working mechanisms.
- Q2. What are WBCs and RBCs?
- Q3. Mark the difficult words / Scientific words of chapter -7 (Transportation in Animals and plants) and write their proper meaning in both in Hindi & English.
- Q4. Mark the hard words/ Scientific words of chapter -8 (Reproduction in plants), and write their meanings in both in Hindi & English.
- Q5. What is an electric circuit? Draw a simple circuit diagram and label its parts.
- Q6. What are acids and bases? Write one example of each found in daily life.
Write and learn 10 chemical formulas of both acids and bases
- Q7. How does an indicator help to identify acids and bases? Name any two indicators.
- Q8. What is respiration? Write the difference between aerobic and anaerobic respiration.
- Q9. Explain the process of breathing in humans with the help of a neat diagram.
- Q10. Test any three household substances (like lemon juice, soap solution, baking soda) using natural indicators such as turmeric or china rose. Record your observations in a table.

SUBJECT – COMPUTER

- Q1. Learn & Write 3-3 key terms of chapter- 7 and chapter -8.
- Q2. Write a program using variable block to calculate the square of any number in make code arcade.
- Q3. Write a program in python to perform all arithmetic operations.
- Q4. WAP in python to calculate the area of the square.

SUBJECT – MATHEMATICS

- Q1. Write and learn the square number from 2 to 30.
- Q2. Write and learn the cube number from 2 to 25.
- Q3. Solve the Assignment 02 of **Chapter- Rational Number** from work book.
- Q4. Solve the Assignment 03 and Revision Assignment of **Chapter- Perimeter and Area** from work book.
- Q5. Solve the Assignment 02 and 03 of **Chapter- Equations** from workbook.

SUBJECT – S.ST.

- Q1. Learn & Write the given terms (2 times) From Book.
(Profit, Wholesale, Exporter, Desert, Basin, Delta, Pastoralist, Hospice, Hagiography, Animism)
- Q2. Read Chapter “Devotional Path to the Divine” Mark all hard words and write their meaning in book and do Question No. 1, 2 and 3 in Work Book.
- Q3. Read Chapter “ Life in Desert” and write 5 differences between Hot Desert and Cold Desert and do Question No. 1 and Question No-3 in Work Book.
- Q4. Read Chapter “ Market around Us “ frame 5 questions with answers by yourself and Do Question -1and 2 in Work Book.
- Q5. **Map Work**
Mark All States on Indian political map discussed in **Chapter -7 (History – The making of regional Culture)**

SUBJECT – HINDI

- पाठ - 13 एक स्वतन्त्रता सेनानी पर आधारित पाठ है। इस पाठ को पढ़े और सभी महत्वपूर्ण घटनाओं की एक सूची बनाएँ।
- शब्द-सृजन दिए शब्दों से वाक्य बनाइए: (शीत, कोहरा, अवकाश, ऊनी वस्त्र, सूर्य)
- पाठ - 10 और पाठ – 11 के सभी प्रश्नोत्तर याद कर लिखें।

व्याकरण

- संवाद लेखन : दो मित्रों के बीच संवाद लिखिए: विषय – ठंड में स्कूल जाना (6–8 संवाद)।
- प्रतिदिन 5- विलोम शब्द , 5- पर्यायवाची शब्द , 5- वाक्यांश के लिए एक शब्द याद करें।

SUBJECT – ENGLISH

- Q1. Describe the Character of Willy Wonka in 5 points
- Q2. Find 5- Nouns, 5- Verbs, 5- Adjectives from the Chapter- Invention of Vita wonk.
- Q3. Read chapter Homage to our brave soldiers, underline all difficult words and find out their meanings and frame 10 very short questions with answers..
- Q4. Write a paragraph on "why we salute our soldiers"
- Q5. Read chapter Homage to our brave soldiers and find 5 - abstract nouns related to bravery and sacrifice.
- Q6. Make a poster for Indian soldiers with patriotic slogan.
- Q7. Write an application to your Headmaster for permission to arrange a friendly cricket match.