

**SRK DAV PUBLIC SCHOOL, SURIYA, GIRIDIH**  
**CLASS-X**  
**SUMMER VACATION HOLIDAY(HOME WORK)**

**ENGLISH:**

A) Answer the following questions (Long answer type)

1. Write the character sketch of Lencho.
2. Write the critical appreciation of the poem "Dust of Snow".
3. Justify the title of the story "Long Walk to Freedom".
4. Write the critical appreciation of the poem "A Tiger in the Zoo"
5. What is the Triumph of Surgery ? Explain with reference to the context.
6. Write the character sketch of Hari Singh.

(B) Write a letter to the Editor regarding poor condition of road in your locality.

(C) Write the structure and examples of all types of Tenses.

**MATHS:**

Solve all questions

1. Real Numbers
2. Polynomials
3. Linear equations in two variables
4. Make Portfolio on any one Indian Mathematician

**CHEMISTRY:**

Write questions and answers of the following chapters -

1. Chemical reactions and equations
2. Acids bases and salts

**BIOLOGY:**

1. Prepare a Tabular Chart on:

Human Digestive glands  
Enzymes/secretions  
Functions

2. Perform an activity :

Count your breathing rate:

- i. At rest
- ii. After exercise

Write observation and conclusion.

3. Answer the following questions:

- a. Why does breathing rate increase after exercise?
- b. Why does digestion begin in the mouth?
- c. Why is bile juice important?
- d. What is the role of villi?

4. Prepare a mind map of the subtopic nutrition and respiration.

**PHYSICS:**

1. Prepare the tabular display of all the cases of image formation by concave and convex mirror along with proper neat ray diagrams of the same
2. Make a systematic chart of all the important formulas related to chapter light and also represent sign convention for mirror.

3. Make a list of at least ten uses of concave and convex mirrors in our daily life around us.
4. Make a small investigation of any one important aspect of light in your life near or around you and record your observations in copy.
5. Read chapter Light and prepare 20 Questions which are frequently asked in board examination.

### **SOCIAL SCIENCE:**

1. Do a case study on Power sharing arrangement in Belgium
2. Prepare an extensive Table of Energy Resources used in India. (Include conventional, non conventional, potential and stock resources)  
Complete your notebook and revise the chapters done till date.
3. Write 15 Multiple choice questions with answers in your SST copy from each chapter
  - \*Resource and Development
  - \*The Rise of Nationalism in Europe.
  - \* Forests and wildlife resources

Note:- Write the Following questions in your class work copy only.

### **HINDI:**

- (1) चार औपचारिक और चार अनौपचारिक पत्र लिखें।
- (2) विद्यालय में ' समर कैंप ' के लिए विद्यालय के प्रधानाचार्य को एक संदेश लिखें ।
- (3) हिंदी ओलंपियाड में भाग लेने के लिए विद्यालय की ओर से एक सूचना लिखें ।
- (4) जल संरक्षण पर एक विज्ञापन बनाएं।
- (5) पढ़ाए गए पाठों को पूरा करें तथा उनकी पुनरावृत्ति करें
- (6) निम्नलिखित विषय पर 80 से 100 शब्दों में अनुच्छेद लिखें ।  
(क) परिश्रम का महत्व (ख) ऑनलाइन शिक्षा (ग) स्वच्छ भारत