

### Mathematics:

1. Do all derivations of conic sections i.e. equation of Circle, equation of Parabola, equation of Ellipse and equation of Hyperbola.
2. Revise coordinate Geometry of Class X.
3. Do chapter Introduction to 3-Dimensional Geometry.
4. Prepare chapter Straight Lines and Statistics for Monday Test.

### Hindi

#### आलेख-(150 शब्द)

1. गहराता जल संकट |
2. लोक तंत्र को सृष्टि बनाने में शिक्षा का योगदान |

#### पत्र लेखन -

किसी प्रसिद्ध अखबार में पत्रकार पद के लिए आवेदन भेजना है | इसके लिए आप एक आवेदन पत्र तैयार कीजिये |

### Biology

Prepare the following and note down the major problems –

1. Mineral and nitrogen nutrition
2. Plant growth and development

### PHYSICS

- 1 - Scientist Biography for IV- quarter
- 2 - Completion of practical work
- 3 – Ten numerical based on thermal properties of substance and S. H.M.
- 4 – One Article [creative –work Like cartoon,poem etc ] on A-4 sheet .

### Chemistry Holiday home work

1. Preparation of 4<sup>th</sup> quarter test ( chapter- redox reaction and hydrogen)
2. Scientist biography for IV quarter (only noble prize winner of chemistry)
3. Five redox reaction balancing by oxidation number method as well as ion electron method.
4. One article for school magazine not related with chemistry

## ENGLISH

1. Find meanings and make sentences of the given idiomatic phrases :-

- a) Hold the fort
- b) Monkey Business
- c) Eat a Horse
- d) Nosey Parker
- (e) Barking up the wrong tree

2. Read any two of the given short stories –

- i) The Rocking Horse Winner ---D.H Lawrence
- ii) To Build a Fire ----Jack London
- iii) The three questions—Leo Tolstoy
- iv)The Ransom of Red Chief – O Henry

3. Write a short analysis of any two stories under the given heads :-

Name—

Author—

Source—

Story Line—

Characters—

Character liked the most—

Setting—

Issue—

Resolution—

Moral—

Lexical learning—

5. Prepare for ASL TERM 2

## ECONOMICS

(A paper factory is to be set up in your village. Arrange a role play consisting of an activist, an industrialist and a group of villagers.

1. Collect data from 30 persons of your locality regarding their daily consumption of various commodities. Then rank the persons on the basis of relatively better off and worse, to get the degree of relative poverty.
2. Prepare the last chapter of Indian economy for class discussion. (Comparative Development Experiences of India And Its Neighbors)
3. Revise the chapter 5 and 6 for Monday test. (Human Capital Formation In India, Rural Development)
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### **Psychology**

- 1- Review Q/A of Chapter-7 & 8. Write assignments and get prepared.
- 2- Project Work on given topic.