

# Physics

## INTERNAL ASSESSMENT OF PRACTICAL WORK

1. Equation's of motion by graphical method.
2. Laws of motion
3. Propagation of sound waves
4. Current Electricity
5. Archimedes Principle

### **Experiments**

1. Determine the least count of the Vernier caliper and measure the length and diameter of a small cylinder (average of three sets) - may be a metal rod of length 2 to 3 cm and diameter 1 to 2 cm.
2. Determine the pitch and least count of the given screw gauge and measure the mean radius of the given wire, taking three sets of readings in perpendicular directions.
3. Using a plane mirror strip mounted vertically on a board, obtain the reflected rays for three rays incident at different angles. Measure the angles of incidence and angles of reflection. See if these angles are equal.
4. Plot the magnetic field lines of earth (without any magnet nearby) using a small compass needle.

**Ms. Surbhi Sharma**

# Paster Biology

## INTERNAL ASSESSMENT

	<b>Topics</b>
1-10	Human Digestive System (Alimentary Canal)
11-20	Elaborate structure, function & reproduction in flower
21-30	Elaborate deficiencies of different vitamins & Minerals
31-38	Human Digestive System (Digestive Glands)

**Dr. Mamta Pandey**

# Maths

## INTERNAL ASSESSMENT

Conduct a survey of a group of students and represent it graphically - height, weight, number of family members, pocket money, etc.

**Mr. Hemant Pandey**

# Listeur Biology

## INTERNAL ASSESSMENT

	<b>Topics</b>
1-8	Human Digestive System (Alimentary Canal)
9-18	Elaborate structure, function & reproduction in flower
19-28	Elaborate deficiencies of different vitamins & Minerals
29-36	Human Digestive System (Digestive Glands)

**Dr. Mamta Pandey**

# History

## INTERNAL ASSESSMENT

1. Visit a place of historical importance (fort, museum) & discuss its significance.
2. Write a comparative study of the Harappa Civilization & Vedic Civilization. Also write their contribution to Indian Society.
3. With the help of any contemporary movie. Briefly discuss about the social structure, dress, tradition, custom of that age. Example - Padmavat, Bajirao Mastani.
4. Write a brief note on Indian Constitution highlighting its features, special provision for SC, ST & other minorities. 5. Write a sketch study on Dr. B.R. Ambedkar or Dr. Rajendra Prasad & write his contributions to Indian Constitution.
6. **Write a note on comparative study on Buddhism & Jainism.**

# Geography

## INTERNAL ASSESSMENT OF PRACTICAL WORK

Candidates will be required to prepare a project report on any one topic. The topics for assignments may be selected from the list of suggested assignments given below. Candidates can also take up an assignment of their choice under any of the broad areas given below.

### **Suggested list of assignments:**

1. Find out the sources of water pollution & air pollution bodies in your locality.  
What are the effects of this pollution? How can we prevent this pollution?
2. Collect information on global environmental issues and problems and communicate your findings through appropriate modes (posters, charts, collages, cartoons).

# English II

## INTERNAL ASSESSMENT

Write a review of a book that you have read recently.

# English I

## INTERNAL ASSESSMENT

Paragraph writing + 5 Phrasal Prepositions (Project File)

Practice Paper - 2 - 5 (Q4 & Q5 in book)

# Chemistry

## Holiday H.W OF PRACTICAL WORK

To be learnt & written in Lab Manual of chemistry.

a. Identification of Gases

### Experiment 1

1. Water Vapor
2. Hydrogen
3. Oxygen
4.  $\text{CO}_2$
5.  $\text{SO}_2$

### Experiment 2

Identification of gases

1. HCL
2.  $\text{H}_2\text{S}$
3.  $\text{NH}_3$
4.  $\text{Cl}_2$
5.  $\text{NO}_2$

**b Experiment 3** - To identify the unknown substance by addition of dilute  $\text{H}_2\text{SO}_4$

- c. Write 200 words on Water Pollution. How can it be checked?