



# Pious Mission School

Rojapar-Arwal  
Affiliated to CBSE, New Delhi (10+2)

Affiliation no.-330946, School No.-66668

## Class 10 Science Practical Questions - CBSE 2025

### Physics Practical Questions

1. To determine the focal length of a concave mirror using the distant object method.
2. To determine the focal length of a convex lens by obtaining the image of a distant object.
3. To trace the path of a ray of light passing through a rectangular glass slab and measure the angle of incidence, refraction, and emergence.

### Chemistry Practical Questions

1. To determine the pH of different samples like soap solution, lemon juice, vinegar, etc. using pH paper or universal indicator.
2. To study the reaction between zinc and dilute sulphuric acid and identify the gas evolved.

### Biology Practical Questions

1. To study the stomata in the lower epidermis of a leaf under a microscope.
2. To identify the different parts of a flower and understand their functions.

## कक्षा - 10 हिन्दी - आंतरिक परियोजना कार्य

प्रश्न संख्या	परियोजना/कार्य का विवरण
1	पाँच भक्ति काल के कवियों का परिचय देते हुए उनकी कुछ प्रमुख कृतियों का उल्लेख करें एवं उनकी काव्य भाषा की विशेषताओं का वर्णन करें।
2	भक्ति-कालीन कवियों तथा आधुनिक-काल के कवियों की काव्य भाषा की विशेषताओं को उदाहरणों के साथ स्पष्ट करें।
3	'निराला' तथा जयशंकर प्रसाद की कविताओं को उल्लेख करते हुए उनकी भाषा-प्रयोग तथा भाव-शैली की विशेषताओं को लिखिए।
4	एक प्राइवेट बैंक में मैनेजर की पोस्ट के लिए आप एक (स्ववृत्त) तैयार करें।
5	छायावाद तथा आधुनिक काल के कुछ प्रमुख लेखकों का जीवन परिचय देते हुए उनकी कुछ प्रमुख कृतियों का उल्लेख कीजिए तथा छायावाद और आधुनिक काल के अंतरों को भी तथ्यों के साथ वर्णन करें।

Subject	Assignment Details
SOCIAL SCIENCE	<ul style="list-style-type: none"> <li>• <b>Geography:</b> To make a <b>flow chart</b> of different <b>minerals</b> with the <b>mining places</b> and a <b>map</b>. The minerals are: (a) <b>Coal</b> (b) <b>Iron Ore</b> (c) <b>Bauxite</b> (d) <b>Copper</b></li> <li>• <b>History:</b> Make a <b>timeline chart</b> of the <b>French Revolution</b> with the events that happened at that time and by whom.</li> <li>• <b>Civics:</b> Make a <b>flow chart</b> that explains about <b>power sharing</b> between majority and minority in different states, specifically: (a) <b>Belgium</b> (b) <b>Sri Lanka</b></li> </ul>
SCIENCE	<ol style="list-style-type: none"> <li>1. To <b>determine the pH of different solutions.</b></li> <li>2. To <b>study the properties of Acid and Base.</b></li> <li>3. To <b>prepare a temporary mount of a leaf peel.</b></li> <li>4. To <b>study the part of a flower.</b></li> <li>5. To <b>observe and draw the stage of binary fission in Amoeba (Amoeba).</b></li> </ol>
ENGLISH	<ol style="list-style-type: none"> <li>1. <b>Summary</b> of the poems: "<b>The Ball Poem,</b>" "<b>For Anne Gregory,</b>" and "<b>A Tiger in the Zoo.</b>"</li> <li>2. <b>Short dialogues</b> based on the <b>summary of "The Proposal."</b></li> </ol>
MATHEMATICS	<ol style="list-style-type: none"> <li>1. <b>Solve 20 questions from each</b> of the following topics: <b>Thales Theorem, Similarity of Triangle, and Circle.</b> (Total 60 questions)</li> <li>2. Make an <b>assignment on Surface Areas and Volumes</b> of different solids <b>with diagrams</b> (diagram).</li> </ol>