



# Loreto Convent Intermediate College

Lucknow

SUMMER HOLIDAY HOMEWORK (2025-26)

CLASS – IX

SUBJECT: BIOLOGY

**Lab Manual:**

[A] Write the following practicals in Lab Manuals:

NOTE: You will write under the following headings-

**[1] AIM OF THE EXPERIMENT**

**[2] REQUIREMENTS**

**[3] PROCEDURE**

**[4] OBSERVATION**

**[5] PRECAUTIONS**

- [i] The examination of an onion peel under the microscope to study various parts of the cell.
- [ii] The examination of a human cheek cell under the microscope to study various parts of the cell.
- [iii] A cross-pollinated flower to be examined and identified and the parts to be studied and labelled e.g. Hibiscus.
- [iv] To study the structure of germinating seeds- Maize grain and Bean seed.

**PROJECT:**

[B] Prepare a project on the given topic.

Use interleaf punch sheets to write the project. You can add pictures / photographs . The project should not exceed more than 8 pages.

Visit a few establishments in the locality such as motor repair workshops, kilns, pottery making units, fish and vegetable markets, restaurants, dyeing units.

Find out the types of wastes and methods prevalent for their disposal.

On the basis of the information collected prepare a report, suggest measures to improve the environmental conditions

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