



Loreto Convent Intermediate College

Lucknow

SUMMER HOLIDAY HOMEWORK (2026-27)

CLASS – IX

SUBJECT: BIOLOGY

Lab Manual:

[A] Write the following experiments 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

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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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