



P.N NATIONAL PUBLIC SCHOOL
JUNGLE DHUSHAN, PIPRAICH ROAD, GORAKHPUR-273001
SUMMER VACATION ASSIGNMENT (2026-2027)
CLASS-XI MATHS / BIO

PHYSICS

1- Solve Given DPP questions.

CHEMISTRY

1- Solve given DPP questions.

MATHS

1- Solve given DPP question.

BIOLOGY

1. Define taxonomy and explain its importance in biology.
2. Differentiate between genus and species with examples.
3. Write any five characteristics of living organisms.
4. Explain the five kingdom classification proposed by R.H. Whittaker.
5. Draw and label the structure of Chlamydomonas.
6. Differentiate between cyanobacteria and bacteria.
7. Explain the economic importance of algae.
8. Write short notes on Protista kingdom.
9. Compare monocotyledons and dicotyledons.
10. Prepare a chart showing different types of algae with examples.

ARTIFICIAL INTELLIGENCE

- 1- What do you know about micro controller explain any two
- 2- Draw a well labelled diagram of Arduino uno.

PAINTING

- 1- Still life (**Object drawing**) pencil shading Two work (a) Flower pot (b) water jug with glass
- 2- Land scape (**Nature Scenery**) Two work with – pencil color . In Drawing copy.

ENGLISH

SECTION-A- 1. Read all the chapters thoroughly from the English textbook.

2. Write the summary and important points of the following chapters:

- The Portrait of a Lady
- We're Not Afraid to Die... if We Can All Be Together
- Discovering Tut: The Saga Continues
- Landscape of the Soul
- The Ailing Planet: the Green Movement's Role
- The Browning Version
- Silk Road

3. Write the central idea and poetic devices of the following poems: • A Photograph • The Laburnum Top

- The Voice of the Rain
- Childhood
- Father to Son

4. Learn and write important questions and answers from all chapters.

SECTION-B- Novel Study

1. Read the novel The Hound of the Baskervilles.

2. Write the summary, character sketch, themes, important questions and answers, vocabulary, and your personal response to the novel.

Section C: Project Work

1. Prepare a project file from the book Snapshots on any one chapter:

- The Summer of the Beautiful White Horse
- The Address
- Ranga's Marriage
- Albert Einstein at School
- Mother's Day
- Birth
- The Tale of Melon City

2. The project file should include the summary, character sketch, themes, important questions and answers, vocabulary, and relevant pictures/charts related to the chapter.

Note:

- Holiday homework must be neat and handwritten.
- Submit the work on the reopening day of the school.

