

SRI RAM KRISHAN DAV PUBLIC SCHOOL,SURIYA(GIRIDIH)

DURGA_PUJA HOLIDAY HOME WORK

SESSION(2026-27)

CLASS-XI(SCIENCE)

English

- 1.Prepare Chart of Tense and a Voice in your notebook
2. Make notes of different important scenes and incidents present in the Story of 'Silk Road'

PHYSICS

Prepare a activity file for the following

- 1.To measure the force of limiting friction for rolling of a roller on a horizontal plane.
2. To study the conservation of energy of a ball rolling down on inclined plane (using a double inclined plane).

CHEMISTRY

Complete Practical copy/Lab Manual and Project Work of chemistry.

BIOLOGY

1. Competency / Logical-Based Questions

- a. A student writes the scientific name of man as homo Sapiens. Identify the mistake.
- b. Why can two organisms look similar but belong to different species?
- c. If scientific names were not used, what problems would arise?
- d. A tiger in India and a tiger in another country belong to the same species. What does this show?
- e. Why are local names insufficient for scientific study?

2. Activity: Scientific Name Collection

Collect scientific names of any 10 common plants or animals around you and write their:

Common name

Scientific name

Family

3. Draw and label:

Taxonomical hierarchy pyramid

MATHS

Write and Learn Chapter-wise Formulas (Chapter 1 to 7)

Chapter 1:

Sets All formulas, laws, De-Morgan's laws, Venn diagrams -

Chapter 2: Relations & Functions Cartesian product, domain, range, types

Chapter 3:

Trigonometric Functions - All identities, formulas, values

Chapter 4: Complex Numbers & Quadratic Equations iota, modulus, conjugate

- Chapter 5: Linear Inequalities Rules, graphical representation

Chapter 6: Permutations & Combinations nPr , nCr formulas

-Chapter 7: Binomial Theorem General term, middle term, expansion

IMPORTANT NOTE FOR STUDENTS:

Solve ONE extra question chapter-wise from NCERT book
(Chapter 1 to 7 One question from each chapter from NCERT book)

Physical Education

- 1) Define the terms psychology and sports psychology ?
- 2) explain the importance of psychology in sports
- 3) How does sports psychology help in controlling emotions during sports competitions?
Discuss any three problems of adolescents?
Define team cohesion?

Computer Science

Python Functions

Write a Python program to define a function SumEven(L) that accepts a list of numbers and returns the sum of all even numbers in the list.