

VADANTA INTERNATIONAL SCHOOL

Home Assignment

Class – XII

Subject: Science

Class XII – Chemistry

Investigatory Project Report (Any One)

- Electrolyte turns on the solar cell.
- Measurements of diffusion coefficient in liquids.
- Effect of sodium carbonate on foaming capacity of soap.
- Extraction of Nicotine sulphate from samples of cigarettes.
- Measuring solubility.
- Measuring the amount of Acidic Acid in Vinegar.
- Investigation of foaming capacity of different washing soap.

Class XII – Biology

Investigatory Project Report (Any One)

- Human Reproduction health.
- Drug addiction.
- Organic forming
- AIDS
- Genetical diseases.

Class XII – Physics

Investigatory Project Report (Any One)

- Hollow Prism
- AC Transformer
- Voltage regulator using Zener Diode
- To study the relationship between voltage across the two terminals of a conductor and length of conductor by using potentiometer.
- To study the variation in current and voltage in a series LCR circuit.

Subject: English

- You are secretary of history club of Vidhya Mandir School. Draft a notice in not more than 50 words informing students of a purpose visit to some important historical sites in your city.
- SAF Public School, Chandigarh is planning to take a group of senior students to Shimla on excursion during the summer vacation Mr. Mohan Das, the teacher in-charge of “Excursion Field Trip” write a letter to J.J Tours and Travels, Chandigarh asking them to organize the tour. Write this letter giving details of preference such as dates of journey, transport facility, accommodation, etc.
- Teenage is commonly perceived as the most joyful period of an individual’s life. Vidhya who represent the teenage of today feels that the pressure of the competitive world they live in has made teen years less exciting and express her ideas in an article entitled “On being a teenager for the youth times”. Write the article in 200-250 words.

Subject: Mathematics

- Find the inverse of matrix a of the order Of 3×3 by using
(I) elementary operations of matrix
(ii) Determinants

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