

DAV PUBLIC SCHOOL, MATHURAPUR

Home Work Assignments for Summer Vacation (Class – XII)-2019-20

English:-

1. Project work- Character sketch of silasmarner using both visual and verbal inputs.
2. How did Dr.Sadao come in contact with home?
3. Describe the climatic conditions prevailed in coastal area of Japan when Dr. Sadao noticed a man on the seashore.

Chemistry:-

Write question answer of the intext and exercise given in the chapter G.P. & of Isolation of element and solution of NCERT book and learn them.

Project:- Collect five types of metals in it is pure form and show it through stick file as well as describe its occurrence, extraction method and uses.

Physics:-

State & proof. Ampere's circuital law. Use this law to derive the expression for

- a) Magnetic field due to a long straight conductor carrying current.
- b) Magnetic field due to a solenoid carrying current.
- c) Magnetic field due to current in toroid.

Also, solve all the exercise questions of Chapter-03 (Current electricity)

Biology:-

1. Schematic diagram of sexual reproduction in plants. (With explanation)
2. Diagrammatic representation of Monohybrid cross, dihybrid cross, test cross with ratio.
(T.S. of anther, L.S. of Flower, L.S. of Pistil)
3. Define the following:-
 - (a) Law of Segregation (Incomplete dominance & Co- Dominance)
 - (b) Sex determination

Maths:-

1. Choose any ten activities from your prescribe book. Perform it, Record it in Mathematics Practical notebook.
2. Revise the problems of continuity and differentiability (Different type problems) in a separate notebook.
3. Solve different types of problems, from the chapters of determinant and matrix.

IP :

1. Draw a picture for showing description of LAN, WAN and MAN.
2. Define MAC address & IP Address.
3. What is topology?