

HOLIDAY'S HOMEWORK (2017-2018)

CLASS-XI

English-1. Read any two novels from the suggested list and write the book reviews.

- i) Midnights Children by Salman Rushdie
- ii) A Farewell to Arms by Earnest Hemingway
- iii) War and Peace by Leo Tolstoy
- iv) Short Stories by Anton Chekhov
- v) Illusions by Richard Bach

2. Read the English Newspaper and do the following activities:

- i) Make a "Word Bank" comprising minimum 80-100 new words. Learn them and frame sentences.
- ii) Paste cut-outs of some important reports or articles and write your views in 100 words. (any 5)

Physics -1. To record the following experiments in the practical file (As instructed by the teacher)

- i) Vernier Callipers ii) Screw gauge iii) Spherometer
- iv) Parallelogram law of vector addition
- v) Simple Pendulum
- vi) Coefficient of limiting friction vii) Downward force

2. Completion of the assignments of the following chapters:

- i) Physical world ii) Units and Measurement
- iii) Motion in 1D and Motion in 2D

Chemistry–1. Completion of assignment of the following chapters:

i) Some Basic Concepts of Chemistry

ii) Structure of Atom

2. To record the following experiments in the practical file:

i) Determination of melting point of an organic compound.

ii) Determination of boiling point of an organic compound.

iii) Determination of pH of some solutions obtained from fruit juices, varied concentrations of acids, bases and salts using pH paper.

iv) Comparing the pH of solutions of strong and weak acid of same concentration.

3. Prepare Power point presentation on Environmental Chemistry

Biology – 1. Complete assignment registers for the following chapters:

i) Digestion and absorption

ii) Breathing and Exchange of gases

2. Completion of practical file for the following experiments:

i) Study part of a compound microscope.

ii) Study of distribution of stomata in the upper and lower surface of leaves.

iii) Study of mitosis in onion root tip's cells and animal's cells (grasshopper) from permanent slides.

iv) Study of plasmolysis in epidermal peels. (e.g. Rhoeo leaves)

v) Test for the presence of sugar, starch, proteins and fats. To detect these in suitable plant and animal materials.

3. To make an investigatory project on any one topic related to Biological Science.

- C++-** 1.Design a project plan using design thinking
2. Completionof the assignment(Getting started with C++)

- I.P.-** 1. Completion of the assignment (Java BasicProgramming)
2. Design an interface for the project

- Maths-** 1.Completion of the assignment of Trigonometry and Sequences and Series

Business Studies- To collect the following information:

- i)social responsibility initiative of 5 companies
- ii)Three recent cases of consumer protection
- iii)Types of bank accounts: Procedure,Formalities and Documentation

Accountancy- Completion of theAssignment of Accounting Equation

Economics- Preparation of questionnaire for the project

Political Science - Completion of the assignments of the following chapters:

- 1.Constitution-Why and How?
- 2.Rights in the Indian Constitution