



SACRED HEART SCHOOL

(Affiliated to CBSE up to +2, Delhi, School No. 66417, Affiliation No. 3430224)

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Holidays Homework of Class – XI

(Holidays Homework to be done in Class work/Homework note-book)

Subject: ENGLISH

- 1) Write down the notes and summary of the chapter BIRTH.
- 2) Hard work and Punctuality are essential for a happy and successful life. They help in meeting the desired targets of life. You are kavya/kanha, write an article in 150-200 words highlighting the importance of hard work and Punctuality in a student's life.
- 3) You have realised the necessity of education and financial independence of women for their family , society and in turn for the nation. You are Sreeja/Thomas, B-7/9, Mall Road Delhi. Write a letter to the editor, The National Times, highlighting your ideas on the importance of education of women leading to a better status for them.

Subject: CHEMISTRY

1. Write the IUPAC name of organic compounds using each of rules of IUPAC nomenclature.
- 2.give an example of each type of organic reaction.

Subject: BIOLOGY

1. Explain the Kelvin cycle, stages of prophase I (Meiosis) and Krebs Cycle with suitable diagram.

Subject: PHYSICS

- 1) Derive Ascent formula.
- Excess pressure inside a bubble? Surface energy.

Subject: MATHS

Write a project work on following topic.

1. Measurement of angle
2. Pascal triangle
3. Construction of parabola
4. Sets and subsets
5. Permutation and combination
6. Conic section

Subject: PHE

- Practical Record File

Subject: CS

Write a program to find the simple interest of some principles amount with certain rate of interest.

1. Write a program to take 7 days temperature of a week and find the average temperature of it.
2. Write a program to input any 10 even number and find average of these numbers.
3. Write a program to convert 100 degrees Celsius temperature to Fahrenheit.
4. What is the difference between mutable and immutable variable.