



# ESTEEM PUBLIC SCHOOL

A Senior Secondary School (10+2)

Affiliated to CBSE, Delhi



## PUJA VACATION HOLIDAY HOMEWORK

CLASS – XI

Chaliyama (Only for the students of Chaliyama branch)

### ENGLISH

- Homework** :- Write down the character Sketch of below mentioned characters  
i) Tretan (ii) Daniel, (iii) Nick Middleton,  
iv) Mrs Annie Pearson (v) Mrs Fitzgerald
- Assignment** :- Write down the Summary of the poem "The voice of the rain and "The tale of Melon city".
- Project** :- Write about any one poet and any one author in chart paper.

### PHYSICS

- Homework** :- Write the four practical from section – A in a proper practical notebook.
- Assignment** :- Write three activities from section-A in A-4 white sheets and submit in stick file.
- Project** :- Prepare a toy or any model working center of mass/gravity.

### CHEMISTRY

- Homework** :- Chemical Bonding Q/A (NCERT)
- Assignment** :- (i) Distinguish between an atomic Emission Spectrum and an atomic absorption spectrum.  
(ii) The energies of elections are said to be quantized. Explain.
- Project** :- Experiment No. 1 to 3 in practical copy.

### MATHS

- Homework** :- Solve Questions of following Exercises.  
Chapter-6(Permutation and Combination).  
Ex: 6.1 Q.No-1,3,4,6  
Ex: 6.2 Q.No-2,4,5  
Ex: 6.3 Q.No-1,3,4,5,9,11  
Chapter-7 (Binomial Theorem)  
Ex-7.1 Q.No-1,3,7, 8, 10, 11, 13, 14
- Assignment** :- Prepare following Activities in your Math Activity copy
- Obective:**
- 1) To find the number of ways in which three cards can be selected from given five Cards.
  - 2) To Construct a Pascal's Triangle and to write binomial expansion for a given positive integral exponent.
  - 3) To obtain formula for the sum of Squares of first n-natural numbers.
  - 4) To demonstrate that the Arithmetic mean of two different positive numbers is always greater than the Geometric mean.

## INFORMATION TECHNOLOGY (I.T)

**Assignment** :- List different types of DDL and DML command with the help of table in A4 white sheets and submit in stick file.

**Project** :- Create a presentation in MS PowerPoint on the topic “Cyber Crime & Cyber Safety”.

Presentation should be 8-10 Slides.

## PHYSICAL EDUCATION

**Homework** :- Memorize the Q/A of Ch. 6 and 7 and write on your notebook.

**Assignment** :- Draw the structure of different types of bones, and joints and label it.

**Project** :- Write about striated muscles and its functions during any sports.

----- End of the Holiday Homework -----

