

ARMY PUBLIC SCHOOL, KANDRORI
HOLIDAY HOME WORK (2022-23) CLASS – 12

ENGLISH

Revise the UT – I syllabus
Practice the questions of invitation and Reply given in the class.
Project on any of the lessons/poems taught in the class (5 marks)

MATHS

Solve the assignments of chapter 2,3,4,5,6.
Do the practice of all NCERT Exemplar questions of Chapter 2,3,4,5,6,12.
Do the following activities in your Lab Manual.

- (i) Draw the graph of $\sin^{-1}x$, using the graph of $\sin x$ and demonstrate the concept of mirror reflection (about the line $y = x$).
- (ii) Find analytically the limit of a function at $x = c$ and also to check the continuity of a function at $x=c$.
- (iii) Construct an open box of maximum volume from a given rectangular sheet by cutting equal squares from each corner.

Bring 1 Math article for school magazine.

PHYSICS

REVISE AND LEARN all the subjective and objective questions from NCERT & NCERT EXEMPLAR textbook of physics Unit – 1, 2, 3, 4 & 5

CHEMISTRY

REVISE AND LEARN all the subjective and objective questions from NCERT & NCERT EXEMPLAR textbook of chemistry Unit – 2, 10, 11, 12 & 13

BIOLOGY

REVISE AND LEARN all the subjective and objective questions from NCERT & NCERT EXEMPLAR textbook of biology Unit – 1 & 2

INFORMATICS PRACTICES

Students will create the software program based on given problems in different code.
Revise all the variations of Code related to pandas Series and DataFrame

PAINTING

3 Composition to be made:

- LANDSCAPE
- STILL LIFE
- RELIGIOUS, CULTURAL AND HISTORICAL EVENTS (Originality, Creativity)

Medium – Water / pastel / poster colour