ESTEEM PUBLIC SCHOOL
A Senior Secondary School (10+2)
Affiliated to CBSE, Delhi

PUJA VACATION HOLIDAY HOMEWORK

CLASS – XI

ENGLISH

Homework : – Write the long Q/A of the poem "Childhood" with pictures.

Assignment : – Write a story with the title "A Scary Experience" in a A4 size chart paper.

Project :- Do young people today spend too much money on clothes? Write for your school magazine an article on this subject.

PHYSICS

Homework : – Complete NCERT Question of chapter -4,5,7 and 11.

Assignment : – (i) Different types of process in thermodynamics and relation between C_p, C_v and R

(ii) Explain with example different types of collision.

Project :- Using solenoid make a electric current transfer and glow the bulb.

CHEMISTRY

Project :- Make any one of the project file of the given topics-

(a) Study of the methods of purification of water
(b) Study the acidity of different sample of tea leaves
(c) Study the acidity of front and vegetable juices
(d) Testing the hardness, presence of iron, fluorine, chloride etc depending upon the regional variation in drinking water and study of cause of presence of these laws above permissible limit (if any)
(e) Determination of the rate of evaporation of different liquids- studies the effects of acids and bases on the tensile strength of fiber.
(f) Investing of the foaming capacity of different washing soaps and the effects of addition of sodium consolation it.

MATHS

Homework : – Solve   Ex – 7.1: Q1, Q2, Q10, Q11

Ex – 8.1: Q3, Q7, Q12

Ex-8.3: Q3,Q5,Q8,Q11,Q14,Q18

Assignment : – Activity – 1: To construct a Pascal Triangle and to write binomial expansion for a given positive integral exponent.

Activity – 2: To obtain formula for the sum of squares of first n natural numbers

Activity – 3: To demonstrate that the Arithmetic mean of two different positive numbers is always greater than the Geometric Mean

BIOLOGY

Homework : –   Write the exercise of the chapter "cell" on your notebook

Assignment : –   Make plant cell organelle using paper origami.

Project :-   Make a project file on "cell- The unit of life"

INFORMATION TECHNOLOGY (I.T)

Homework : – Explain different SQL command in MYSQL.

Assignment : –   Make a PPT of online shopping system.

PHYSICAL EDUCATION

Homework : – Solve Q/A – chapter of 6 & chapter 7

Assignment : –   Make an assignment on Paris Olympic 2024

Project :- Make a project on different types of tests (Name, procedures and benefits)

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