HOLIDAY HOMEWORK FOR CLASS 10 (2024-25)

ENGLISH

1. Define any 15 poetic devices with two examples each.

2. Select any story from your supplementary text and write a script for a five minutes drama/skit

HINDI

1- भारतीय स्वतंत्रता आंदोलन में हिंदी कवियों/साहित्यकारों की रचनाओं का संदर्भ ग्रहण करते हुए किन्हीं पाँच साहित्यकारों के जीवन-दर्शन पर प्रकाश डालिए।

अथवा

भक्तिकालीन कवियों की मुख्य विशेषताओं को उल्लिखित करते हुए किन्हीं दो प्रतिनिधि कवियों के सैद्धांतिक साम्य-वैषम्य को रेखांकित कीजिए।

2- फोटोयुक्त स्ववृत्त-लेखन (ए 4 साइज पेपर पर आकर्षक ढंग से लिखकर फाइल में संलग्न करके जमा करें)
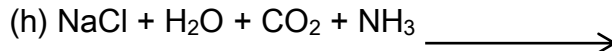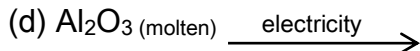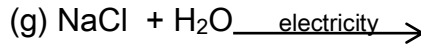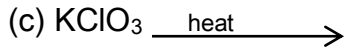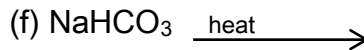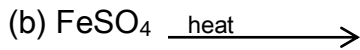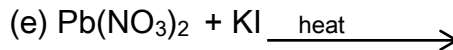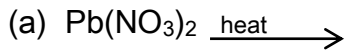
MATHEMATICS

1. Solve 20 questions with proper steps from chapters 1,2,4 and 5 given in the class.

2. Activity: Solve a quadratic equation ($x^2 + 4x - 60 = 0$) using the concepts of area of squares and rectangles with the help of coloured papers.

PHYSICS

1. Draw all ray diagrams of lenses and mirrors   2. Solve 10 numericals based on mirror formula.

CHEMISTRY

1. Complete the following equations and balance them.

(a) $Pb(NO_3)_2 \xrightarrow{\text{heat}}$

(b) $FeSO_4 \xrightarrow{\text{heat}}$

(c) $KClO_3 \xrightarrow{\text{heat}}$

(d) $Al_2O_3 \text{ (molten)} \xrightarrow{\text{electricity}}$

(e) $Pb(NO_3)_2 + KI \xrightarrow{\text{heat}}$

(f) $NaHCO_3 \xrightarrow{\text{heat}}$

(g) $NaCl + H_2O \xrightarrow{\text{electricity}}$

(h) $NaCl + H_2O + CO_2 + NH_3 \longrightarrow$

2. Explain any 10 activities of chapter 1. (Mention aim, materials required, procedure, observation and result)

BIOLOGY

1. Practical record   (i) STOMATA   (ii) RESPIRATION

2. Write the recipe of two salads with locally available ingredients. (support pictures)

   (i) Protein rich salad   (ii) Flavinoid rich salad

HISTORY/CIVICS

Project on any ONE of the following

1. Role of NTPC & NCL in sustainable development.

2. Political parties- their role in enriching democracy

GEOGRAPHY

1. Enumerate how agriculture plays a contributory role in Indian economy.

2. Analyse and infer the challenges faced by the farming community in India.3. Identify and summarize various aspects of agriculture including crop production, types of farming, modern agricultural practices and the impact of agriculture on the environment. (Students can paste pictures from newspapers.)