

K.V. C.T.P.P.CHHABRA

SUMMER BREAK HOLIDAY HOME WORK

CLASS-10

SUB –SCIENCE(CHEMISTRY) 2022-23

1. WRITE THE BALANCED CHEMICAL EQUATION FOR THE FOLLOWING AND IDENTIFY THE TYPE OF REACTION IN EACH CASE.
 - (A) POTASSIUM BROMIDE(aq) + BARIUM IODIDE(aq) -----→POTASSIUM IODIDE(aq) + BARIUM BROMIDE(s)
 - (B) ZINC CARBONATE(s) -----→ ZINC OXIDE(s) + CARBON DIOXIDE(g)
 - (C) HYDROGEN(g) + CHLORINE(g) -----→ HYDROGEN CHLORIDE(g)
 - (D) MAGNESIUM(s) + HYDROCHLORIC ACID(aq) -→MAGNESIUM CHLORIDE(aq) + HYDROGEN(g)
2. WHAT DOES ONE MEAN BY EXOTHERMIC AND ENDOTHERMIC REACTIONS ?GIVE EXAMPLES.
3. WHAT IS THE DIFFERENCE BETWEEN DISPLACEMENT AND DOUBLE DISPLACEMENT REACTION? WRITE EQUATIONS FOR THESE REACTION.
4. WHAT DO YOU MEAN BY A PRECIPITATION REACTION? EXPLAIN BY GIVING EXAMPLES.
5. A SHINY BROWN COLOURED ELEMENT 'X' ON HEATING IN AIR BECOMES BLACK IN COLOUR. NAME THE ELEMENT 'X' AND THE BLACK COLOURED COMPOUND FORMED.
6. EXPLAIN THE FOLLOWING TERMS WITH ONE EXAMPLE EACH
 - (A) CORROSION
 - (B) RANCIDITY
- 7.WHY DO YOU APPLY PAINT ON IRON ARTICLES?
 - 7.DEFINE THE FOLLOWING (A) GALVANISATION (B) PRECIPITATION REACTION
 - 8.WHAT ARE THE TWO METHODS WHICH CAN PREVENT RANCIDITY OF FATTY FOOD?
- 9.(A) MAKE TWO CHARTS.
(B)MAKE INNOVATIVE PROJECT.

TEACHER'S SIGN.

PRINCIPAL