



**DOON PUBLIC SCHOOL**

(C.B.S.E. Affiliation No. 1030502)

**Class 10**

**Session-2021-22**

**Chemistry**

**Worksheet 2**

**Chapter 1**

**Topic-Types of chemical reactions**

**Holiday homework**

**Question 1.**

(i) Digestion of food in body is example of -

- (A) combination reaction
- (B) decomposition reaction
- (C) endothermic reaction
- (D) Both A & C

(ii) The removal of oxygen from a substance is called

- |               |               |
|---------------|---------------|
| (A) Oxidation | (B) reduction |
| (C) corrosion | (D) rancidity |

(iii) In the context of redox reaction the removal of hydrogen from a substance is known as

- (A) Dehydration                      (B) Reduction  
(C) Oxidation                          (D) Dehydrogenation

(iv) In order to prevent the eyes of potato chips they are packed in a plastic bag in an atmosphere of

- (A)  $H_2$                                       (B)  $Cl_2$   
(C)  $O_2$                                       (D)  $N_2$

**Question 2.**

what is the formula of following -

1. milk of magnesia              2. sulphuric acid

**Question 3.**

what is rust chemically ?

**Question 4.**

What is displacement reaction ? give one example.

**Question 5.**

write two uses of Barium sulphate .

**Question 6.**

what happen when copper react with iron sulphate? write your answer with reason.reaction also .

**Question 7.**

what is the precipitation reaction? with example

**Question 8.**

Define following -

- (i) Photo decomposition
- (ii) Exothermic reaction
- (iii) Rancidity
- (iv) Combination reaction
- (v) Double displacement reaction
- (vi) corrosion

**Question 9.**

why is the amount of gas collected in one of the test tube in activity 1.7 double of amount collected in other ? Name this gas .

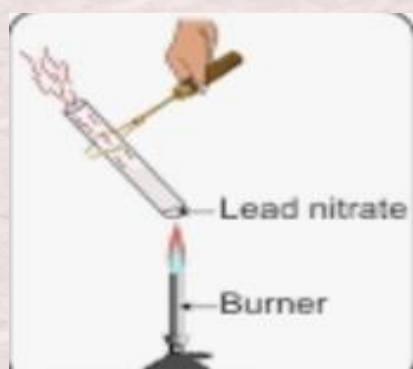
**Question 10.**

why do we apply Paint on Iron articles ?

**Question 11.**

state the observation with reaction -

(i) when Lead Nitrate is heated

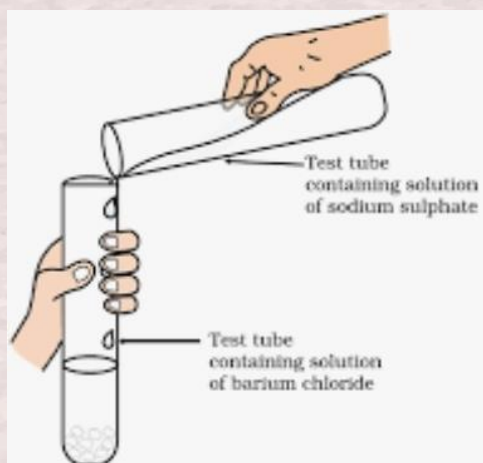


(ii) when sunlight is given to Silver chloride



(iii) when Barium Chloride is added to sodium

sulphate solution



**Question 12.**

Read activity 1.7 and state the observation with reaction .

