

Class Test

(m.m-18)

- ① Write balance chemical Equation for the reaction that takes place during Respiration. Identify the type of Reaction that takes place & justify the name. Give one more example of this type of Reaction. (3)
- ② Zinc Liberates Hydrogen Gas when reacted with dilute HCl, whereas Copper does not. Explain Why? (2)
- ③ Consider the following reaction when Lead Nitrate is heated.
 (a) Name the Gases produced in the Reaction.
 (b) Balance chemical Equation written of above Reaction.
 (c) Name the type of Chemical Reaction. (3)
- ④ Explain the following reactions with proper example -
 (i) Oxidation (ii) Reduction (iii) Rancidity (3)
- 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. (2)
- ⑥ Identify p, q and r in the following balance Reaction.

$$p \text{Pb}(\text{NO}_3)_2 (\text{s}) \xrightarrow{\text{Heat}} q \text{PbO} (\text{s}) + r \text{NO}_2 (\text{g}) + \text{O}_2 (\text{g}).$$

 (a) 2, 2, 4 (b) 2, 4, 2 (1)
 (c) 2, 4, 4 (d) 4, 2, 2
- ⑦ What happens when Ferrous Sulphate Crystals are heated in a dry test tube.
 (a) List any two observations.
 (b) Name the type of chemical Reaction that takes place.
 (c) Write the balance chemical Equation of above Reaction. (3)
- ⑧ Give methods of Prevention from Rusting. (1)