



e-Edge Education Centre, www.eeeclases.info

Time -1hrs **Subject- Science** **Class- X** **MM.**

1. What is the colour of litmus in a solution of ammonium hydroxide? [1]
2. Name the endocrine gland that secretes insulin in our bodies. [1]
3. What is an alkali ? [1]
4. List any two causes of our failure to sustain availability of underground water. [2]
5. Distinguish between an exothermic and an endothermic reactions. Amongst the following reactions, identify the exothermic reaction and the endothermic reaction : [2]
 - (i) Heating coal in air to form carbon dioxide.
 - (ii) Heating limestone in a lime kiln to form quick lime
6. In our bodies what is the function of thyroxine hormone? [2]
7. What is meant by water harvesting ? Write any two advantages of it. [2]
8. (a) Name the two main constituents of the Central Nervous System in human beings.
(b) What is the need for a system of control and coordination in human beings? [3]
9. Distinguish between a displacement reaction and a double displacement reaction. [3]
Identify the displacement and the double displacement reaction from the following reactions :
 - (i) $\text{HCl(aq)} + \text{NaOH(aq)} \longrightarrow$
 - (ii) $\text{Fe(s)} + \text{CuSO}_4\text{(aq)} \longrightarrow$
10. State reasons for the following: [3]
 - (i) Electric wires are covered with rubber like material.
 - (ii) From dilute hydrochloric acid zinc can liberate hydrogen gas but copper cannot.
 - (iii) Sulphide ore of a metal is first converted to its oxide to extract the metal from it.
11. What are voluntary and involuntary actions? Give one example of each. [3]