

**B.C.M SCHOOL BASANT AVENUE DUGRI ROAD LUDHIANA**

**Class VIII**

**Subject Science**

**ANSWER KEY**

1. Decomposition of compound into its constituent particle when electricity is passed through it is known as electrolysis.

An acidified or salt-containing water can be decomposed by passing an electric current to its original elements, hydrogen and oxygen

2. Anode is positive and cathode is negative electrode.

3. XY

4. Diabetes

5. a) thyroxine

b) Adrenaline

c) Insulin

d) estrogen

e) testosterone

6.d

7.d

8. See from ncert book

9. Rainwater contains dissolved salts. This makes it a conducting solution. There are no dissolved salts present in the distilled water. Hence, rainwater can allow electricity to pass through it while distilled water cannot.