



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Physical Science

Class: 8

Date: 24.06.20

Duration: 40 min

Worksheet 46

Full Marks: 15

HYDROGEN

Choose the Correct options:

- Atomic no. of Hydrogen is
 - 1
 - 2
 - 3
- Hydrogen was first prepared by
 - Rupert
 - Robert Boyle
 - Dalton
- _____ names / coined the term Hydrogen.
 - Robert Boyle
 - Dalton
 - Lavoisier
- During electrolysis of water, hydrogen is collected at
 - anode
 - cathode
 - positive electrode
- _____ electrodes are used during electrolysis of water.
 - Graphite
 - Copper
 - Mercury
- During electrolysis of water oxygen is collected at
 - anode
 - cathode
 - none
- Current enters the electrolyte through the
 - cathode
 - anode
 - none
- Current leaves the electrolyte through the
 - cathode
 - anode
 - none

9. Passing electric current through aqueous solution/ molten state to form ions
- (a) electrolysis
 - (b) electrolyte
 - (c) non electrolyte
10. _____ is connected to the positive terminal of the battery.
- (a) cathode
 - (b) anode
 - (c) none
11. During electrolysis anion migrate towards
- (a) cathode
 - (b) anode
 - (c) none
12. Can't react with dilute acids to liberate hydrogen
- (a) Copper
 - (b) Mercury
 - (c) copper, mercury and silver
13. A displacement reaction will occur when...
- (a) a more reactive metal displaces a less reactive metal from its compound.
 - (b) A less reactive metal displaces a more reactive metal from its compound
 - (c) Displacement only occurs when two of the same metals are reacted
14. Who can displace Hydrogen from dilute acid
- (a) Mercury
 - (b) Calcium
 - (c) Gold
15. What gas is always produced when a metal reacts with water?
- (a) Oxygen
 - (b) Carbon dioxide
 - (c) Hydrogen