ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

TERM- 3

Subject-Chemistry Worksheet- 4 Class – 10

Date- 15.11.2020

Topic- Metallurgy

CHOOSE THE CORRECT OPTION- (MCQ) MARKS : 1× 15

Question 1.
Concentration of sulphide ore is done by
(a) froth flotation process
(b) electrolysis
(c) roasting
(d) None of these

Question 2.
Malachite is an ore of
(a) iron
(b) copper
(c) zinc
(d) Sliver

Question 3.
Formula of copper pyrite is
(a)Cu_2S
(b) CuFeS
(c) $CuFeS_2$
(d) $Cu_2Fe_2S_2$

Question 4.
Ore of aluminium is
(a) bauxite
(b) hematite
(c) dolomite
(d) None of these

Question 5.
Removal of the unwanted materials like sand, clays, etc. from the ore is known as ……., …….. or …….
(a) concentration, dressing, benefaction
(b) separation, refining, gangue
(c) magnetic separation, purification, gangue
(d) washing, refining, amalgamation

Question 6.
For which of the following ores froth floatation method is used for concentration?
(a) Haematite
(b) Zinc blende
(c) Magnetite
(d) Camallite

Question 7.
The powdered ore is agitated with water or washed with running stream of water. The heavy ore particles and lighter impurities are separated. This method of concentration is known as
(a) metallurgy
(b) leaching
(c) froth floatation process
(d) gravity separation

Question 8.
The oil used as frothing agent in froth floatation process is
(a) coconut oil
(b) castor oil
(c) palmitic oil
(d) pine oil

Question 9.
Which of the following metals is not extracted by leaching?
(a) Aluminium
(b) Mercury
(c) Silver
(d) Gold

Question 10.
Sulphide ore of zinc/copper is concentrated by
(a) floatation process
(b) electromagnetic process
(c) gravity separation
(d) distillation

Question 11.
Which of the following ores is concentrated by chemical leaching method?
(a) Cinnabar
(b) Argentite
(c) Copper pyrites
(d) Galena

Question 12.
How do we separate two sulphide ores by froth floatation method?
(a) By using excess of pine oil
(b) By adjusting proportion of oil to water or using depressant.
(c) By using some solvent in which one of the sulphides is soluble
(d) By using collectors and froth stabilisers like xanthates

Question 13.
Common impurities present in bauxite are
(a) CuO
(b) ZnO
(c) CaO
(d) SiO_2

Question 14.
An ore of tin containing $FeCrO_4$ is concentrated by
(a) gravity separation
(b) magnetic separation
(c) froth floatation
(d) leaching

Question 15.
Which of the following ores cannot be concentrated by magnetic separation?
(a) Haematite
(b) Malachite
(c) Magnetite
(d) Siderite

Name of the Teacher-
PiyaliHalder