



**ST. LAWRENCE HIGH SCHOOL**



**A JESUIT CHRISTIAN MINORITY INSTITUTION**

**TERM- 3**

**ANSWERS**

**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

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Question 2.

Malachite is an ore of

(b) copper

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Question 3.

Formula of copper pyrite is

(c)  $\text{CuFeS}_2$

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Question 4.

Ore of aluminium is

(a) bauxite

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Question 5.

Removal of the unwanted materials like sand, clays, etc. from the ore is known as ....., ..... or .....

(a) concentration, dressing, benefaction

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Question 6.

For which of the following ores froth floatation method is used for concentration?

(b) Zinc blende

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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

(d) gravity separation

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Question 8.

The oil used as frothing agent in froth floatation process is

(d) pine oil

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Question 9.

Which of the following metals is not extracted by leaching?

(b) Mercury

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Question 10.

Sulphide ore of zinc/copper is concentrated by

(a) floatation process

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Question 11.

Which of the following ores is concentrated by chemical leaching method?

(b) Argentite

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Question 12.

How do we separate two sulphide ores by froth floatation method?

(b) By adjusting proportion of oil to water or using depressant.

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Question 13.

Common impurities present in bauxite are

(d)  $\text{SiO}_2$

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Question 14.

An ore of tin containing  $\text{FeCrO}_4$  is concentrated by

(b) magnetic separation

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Question 15.

Which of the following ores cannot be concentrated by magnetic separation?

(b) Malachite

Name of the Teacher- Piyali Halder

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