

VIVEK TUTORIALS

Chemistry
Unit Test
Max Marks: 20

Date : 09/Apr/2019

Grade: 8th (ICSE)

Time: 30Min

Question 1

(A) Name the following:

- (1) The process by which sulphide ores are concentrated. 1
- (2) The process by which sulphide ores are concentrated. 1
- (3) The process by which iron ore is concentrated. 1

(B) Choose the most appropriate answer from the following options:

- (1) The metal is a liquid at room temperature 1
(a) Potassium (b) Zinc (c) Gold (d) Mercury
- (2) Which of the following is not true of metals? 1
(a) Metals are good conductors of electricity
(b) Metals are malleable and ductile
(c) Metals form non-polar covalent compounds
(d) Metals will have 1 or 2 or 3 electrons in their valence shell
- (3) Brass is an alloy of 1
(a) Copper and tin (b) Copper and zinc (c) Zinc and lead (d) Lead and tin

(C) Answer the following in one or two sentences:

- (1) Which non-metal is used for making solar cells and microchips? 1
- (2) Why non-metals are electronegative? 1
- (3) State two necessary conditions for rusting. 1
- (4) Arrange the following metals in order of their decreasing reactivity: Fe, Zn, Ca, Mg, Cu, Ag. 1

Question 2

- (1) Give reasons: Brass & bronze are examples of mixtures, while copper sulphate & lead nitrate are examples of compounds. 2
- (2) Give reasons: Zinc is considered an element, while zinc sulphide is considered a compound. 2
- (3) Give reasons: Components in a mixture can be separated by physical methods only. 2
- (4) 'The modern periodic table consists of elements arranged according to their increasing atomic numbers'. With reference to elements with atomic numbers 1 to 20 only in the periodic table - differentiate them into - metallic elements, metalloids, non-metals & noble gases. 4

----- All the Best -----