



TEST PAPER: CHEMISTRY

Time: 45 Minutes

Class: I.C.S.E 8

Max. Marks: 30 marks

Date: 2nd May 2018

Marking Scheme: Three questions carry 10 marks each. Each question has 3 sub-parts. Subparts (a) and (b) carry 3 marks each and subpart (c) carries 4 marks.

Question 1

A. What is matter? Which of the following is matter?

Chair, air, lock, thought, cold, cold drink, smell

B. Why it is not possible to compress a solid but one can compress a liquid or a gas.

C. Give the postulates of kinetic theory of matter.

Question 2

A. Define the process of sublimation with example.

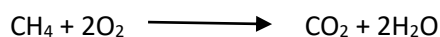
B. What is the physical state of water at:

a. 56°C

b. 130°C

c. 0°C

C. Prove that the law of conservation of masses holds true for the reaction:



Atomic masses-(C- 12, O-16, H-1)

Question 3

A. Boiling point of a liquid X is 70°C after fall in temperature of 10°C what will be the physical state of a liquid. Explain with the help of process working behind it.

B. The smell of hot sizzling food reaches you several meters away, but to get the smell of cold food you have to go close. Give reason.

C. Tabulate the differences in the following characteristics of states of matter (solid, liquid and gas):

a. rigidity

b. compressibility

c. fluidity

d. kinetic energy