



# TEST PAPER: CHEMISTRY

**Time: 45 Minutes**

**Class: C.B.S.E 9**

**Max. Marks: 30 marks**

**Date: 2<sup>nd</sup> 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 the physical state of water at:

- a. 250°C
- b. 88°C
- c. 273K

B. Why does a desert cooler cool better on a hot dry day?

C. Illustrate the factors affecting evaporation.

## Question 2

A. Convert following temperatures into given scale

- a. 25°C into Kelvin
- b. 470 K into Celsius
- c. 293 K into Celsius
- d. 230 K into Celsius
- e. 273 K into Celsius
- f. 100°C into Kelvin

B. Why do we see water droplets on the outer surface of a glass containing ice-cold water?

C. Give reasons to justify (any 2):

- a. Steam causes severe burns than boiling water
- b. Water at room temperature is a liquid.
- c. Ice floats on water.

## Question 3

A. What are the Characteristics of particles?

B. Define following terms:

- a. Latent heat of vaporization
- b. Sublimation
- c. Evaporation

C. Tabulate the differences in the characteristics of states of matter.