



TEST PAPER: CHEMISTRY

Time: 50 Minutes

Class: CBSE 8th

Max. Marks: 30 Marks

Date: 23rd July, 2018

Marking Scheme: Questions carry 10 marks each. Questions have 3 subparts each. Subparts (a) and (b) carry 3 marks each and subpart (c) carries 4 marks.

Question 1:

- A. Name the following:
- A metal that can be cut with a knife.
 - A metal which is found in liquid state.
 - Non-metal used in fertilizers to enhance the growth of plants.
 - An acid formed when sulphur dioxide (SO₂) reacts with water.
 - A gas evolved when metals reacts with sodium hydroxide.
 - Non-metal used in water purification process.
- B. Describe two characteristics and two uses of coke.
- C. Give reasons for the following:
- Aluminium foils are used to wrap food items
 - Copper cannot displace zinc from its salt solution

Question 2:

- A. Give the advantages of using CNG as fuel over petrol or diesel.
- B. Why petroleum is known as black gold?
- C. Define the following terms:
- Malleability
 - Refining
 - Carbonisation

Question 3:

- A. Give the uses of following petroleum products:
- LPG
 - Kerosene
 - Petrol
- B. Differentiate between exhaustible and inexhaustible resources.
- C. Write four measures advised by petroleum conservation research association to save petrol/diesel while driving.

Question 4:

- A. Can you store lemon pickle in an aluminium utensil? Explain giving reason.
- B. Saloni took a piece of burning charcoal and collected the gas evolved. Write the equation for the process.
- C. Explain the process of formation of petroleum.

Question 5:

- A. Write the uses of following metals:
Gold, mercury, copper, iron, aluminium and calcium
- B. Why sodium and potassium are kept in kerosene?
- C. Give the formula of following acids with non-metal present in it.
Sulphuric acid, Nitric acid, Phosphoric acid and Hydrochloric acid