

Paper: ChemistryTotal Marks: 12Month Test: November

Obt. Marks: _____

Theme/Unit: 5 – 8Grand Total: 75

Objective:

ID: _____

Time: 15 min

Name: _____

class: 9th

Section: _____

**Q. No. 1: Encircle the correct answer:**

- Mist is an example of:
 - Gas in solid
 - Gas in liquid
 - Solid in gas
 - Liquid in gas
- How many times are the liquid denser than gases:
 - 100,000 times
 - 10,000 times
 - 1000 times
 - 100 times
- Tyndall effect is shown by:
 - Chalk solution
 - Jelly
 - Paints
 - Sugar solution
- Which is the most example of corrosion:
 - Rusting of Aluminium
 - Rusting of iron
 - Chemical decay
 - Rusting of tin
- The formula of rust:
 - $\text{Fe}(\text{OH})_3$
 - $\text{Fe}(\text{OH})_3 \cdot n\text{H}_2\text{O}$
 - F_2O_3
 - $\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$
- Which one of the following non-metal is lustrous:
 - Sulphur
 - Phosphorus
 - Carbon
 - Iodine
- Non-metals are generally soft, but one of the following is extremely hard:
 - Iodine
 - Phosphorus
 - Graphite
 - Diamond
- Spontaneous chemical reaction takes place in
 - Galvanic cell
 - Down cell
 - Nelson cell
 - Electrolytic cell
- Oxidation number of sulphur in H_2SO_4 is:
 - +2
 - +7
 - +6
 - +14
- Which one of the following is crystalline solid.
 - Glucose
 - Glass
 - Plastic
 - Rubber
- Ice floats on water because:
 - Water is denser than ice.
 - Ice is denser than H_2O
 - Ice molecules moves randomly
 - Water molecules moves randomly
- During the formation of H_2O from hydrogen and oxygen, which of the following does not occur?
 - O_2 has reduced
 - H_2 has oxidized
 - O_2 gains electrons
 - H_2 behaves as oxidizing agent

Paper: ChemistryTotal Marks: 63Month Test: November

Obt. Marks: _____

Theme/Unit: 5 – 8Grand Total: 75

Subjective: ID: _____

Time: 2 hourName: _____ class: 9th

Section: _____



Short Answers: /30

Q. No. 1:

- 1) Write down 4 chemical properties of Non-metals?
- 2) Write down about solute with 2 suitable examples?
- 3) Define saturated and Unsaturated solution with example?
- 4) Can pure gold used to make ornaments? If not why?
- 5) Short note on electroplating of tin?

Q. No. 2:

- 1) Write down 2 uses of calcium metal?
- 2) What do you meant by crystalline solid give an example?
- 3) Differentiate b/w spontaneous and non-spontaneous reaction?
- 4) Why gold is used to make jewelry?
- 5) State Charles law?

Q. No. 3:

- 1) What are 4 physical properties of metal?
- 2) What do you meant by transition temperature?
- 3) How homogenous mixture differ from heterogenous?
- 4) What is meant by electrolytes? Give an example?
- 5) Write down mathematical expression of Charles law?

Long Questions:

- 1) a: What is vapour pressure? How it changes with change in temperature? /6
b: describe effects of temperature on solution? /5
- 2) a: Explain Electroplating of silver? /6
b: comparison b/w Electrolytic and Galvanic cell? /5
- 3) a: Describe phenomenon of diffusion in liquid along with factors which influence on it? /6
b: Define boyl's law and verify it with example? /5