

SCHOOL BASED ASSESSMENT 2024-25

Mid-Term

Science Grade 6

[Paper A: 15 Marks, Paper B: 35 Marks, Total: 50 Marks] , Time = 1 Hour 30 Minutes

School Name: _____

Student Name : _____

Roll Number : _____

Section : _____

OBJECTIVE PART(MCQs)

Question No.1 : Gases and liquids take the shape of their container but solids can not do so due to:

- (a) repulsive force (b) attractive force
(c) greater distance between atoms (d) continuous movement of atoms

Question No.3 : An example of a di-atomic molecule is:

- (a) CO₂ (b) O₂ (c) O₃ (d) H₂O

Question No.5 : A mixture of copper and zinc is called:

- (a) brass (b) bronze (c) silicate (d) steel

Question No.7 : The lithium element in the periodic table is a:

- (a) metal (b) non-metal (c) metalloid (d) noble gas

Question No.9 : The electricity produced by the flow of charges is called _____ electricity.

- (a) Static (b) Dynamic (c) Static and dynamic (d) current

Question No.2 : On heating, particles of solid vibrate fastly due to greater:

- (a) mass (b) force (c) energy (d) volume

Question No.4 : A molecule consisting of two atoms is called:

- (a) mono-atomic molecule (b) di-atomic molecule
(c) tri-atomic molecule (d) tetra-atomic molecule

Question No.6 : Which of the following techniques is used to separate a solvent from a solution?

- (a) Sublimation (b) Chromatography (c) Crystallization (d) Distillation

Question No.8 : Which of the following sources of energy cannot be recovered soon?

- (a) Wind (b) Natural gas (c) Solar energy (d) Flowing water

Question No.10 : In which circuit the flow of electric current is same ?

- (a) Parallel (b) Series
(c) Open (d) Closed

SUBJECTIVE PART(CRQs)

Question No: 11

a) How compounds are formed? (2 Marks)

b) Write the compounds produced as products in the following reactions. (4 Marks)

1. Nitrogen+Hydrogen→?

2. Carbon+Hydrogen→?

3. Sodium+Chlorine→?

4. Hydrogen+Oxygen→?

c) Write any two differences between elements and compounds(4 Marks)

Question No: 12

a) Define a mixture. (2 Marks)

b) Differentiate between homogeneous and heterogeneous mixtures. (2+2=4 Marks)

c) Identify examples of homogeneous and heterogeneous mixtures from the following. (4 Marks)

air, pizza, water and wood.

Question No: 13

a) Define a parallel circuit and write down its advantages. (2+2=4 Marks)

b) Define electric circuit. Explain closed circuit with the help of a diagram. (2+4=6 Marks)

c) Draw the symbols of given electric components. (5 Marks)

Battery, switch on, switch off, bulb, cell