

Gonpasingma Lower Secondary School, Pemagatshel

Class IV Year 2023

Mid-term Examination (Science)

Name:	Full Mark: 50 Marks
Date:	
Writing time: 1 hour	

SECTION A [4 X 5 = 20 MARKS]

ANSWER ALL THE QUESTIONS

Direction: For each question, there are four alternatives: **A, B, C and D**. Choose the correct alternative and circle it. Do not circle more than **ONE** alternative. If there is more than one choice circled, **NO** score will be awarded.

Question 1 Multiple Choice (MCQ) [5 Marks]

I. Push or pull of an object is called:

Matter Force Sedimentation Decantation

II. The example of living thing is:

Human Stone Pencil Chair

III. Pushing a door is an example of:

Contact Force Non-contact Force Magnetic Force Gravitational Force

IV. The mud that settles at the bottom is called:

Decantation Filtration Sediment Sedimentation

V. _____ is anything that has masses and occupies space.

Degradable

Non-degradable

Matter

Force

Question 2

Fill in the blanks with correct answer.

[5 Marks]

Sedimentation

man-made

solid-solid

liquid-liquid

natural things

- i. Mixture of Maize and beans is a _____ mixture.
- ii. _____ are those that are found naturally around us.
- iii. The settling of solid at the bottom is called _____.
- iv. Things that are made by humans are called _____.
- v. Mixture of Milk and water is an example of _____ mixture.

Question 3

Write **TRUE/FALSE** in the brackets against each statement.

[5 Marks]

- a. Chair is soluble in water. ()
- b. Pan balance is used to measure the mass of matter. ()
- c. The pure substance is made up of a single substance. ()
- d. Ema-datsi is a pure substance. ()
- e. Soluble substance can dissolve in water. ()

Question 4

Match each item in column I against the most appropriate item in Column II. Write only the alphabet against the number in the space provided in column III beside. **[5 Marks]**

Column I	Column II	Column III
i. When two or more solids are mixed	a. Matter	
ii. Anything that has mass and occupies space	b. Force	
iii. Things that can decay	c. Solid-solid mixture	
iv. A substance which dissolves in water	d. Degradable things	
v. Used to measure the mass of matter	e. Soluble substance	
	f. Pan balance	

SECTION B**[3 x 10 = 30 Marks]**

Direction: Answer all questions in this section and write it down in the space provided in the question booklet.

Question 5

- a. Differentiate between soluble and insoluble substance. **[2 Marks]**

Soluble Substance	Insoluble substance

- b. Why is solid a matter? **[1 Marks]**

c. Name two objects which sink in water.

[2 Marks]

d. What is matter? Give two examples of solid.

[2 Marks]

e. Classify the following as solid, liquid and gas.

[3 Marks]

Juice Stone Water Book Smoke Air

Solid	Liquid	Gas

Question 6

a. Define solid- solid mixture. Give two examples.

[3 Marks]

b. Write the types of force.

[2 Marks]

- c. The following are the steps to obtain clear water from a bucket of muddy water. Arrange the steps in the correct order. [3 Marks]

Filtration

Decantation

Sedimentation

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- d. What is pure substance? Give one example. [2 Marks]

Question 7

- a. Classify the following as contact and non-contact force. [4 Marks]

Pushing a car

Leaves falling from the tree

Magnetic Force

Pushing a chair

Contact Force	Non-contact Force

- b. Give two examples of degradable things. [2 Marks]

c. Define sedimentation.

[2 Marks]

d. Give two examples of transparent object.

[2 Marks]

THANK YOU