

**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]

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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