

St. Thomas School, Sahibabad
Practice Worksheet (2023-24)
Subject – Science
Class IV


Time – 3 hours

M.M. – 80

Name : _____

I. Fill in the blanks :													
(a) _____ occupies the entire space.	1												
(b) Ramps and sloping roads are the examples of _____.	1												
(c) _____ is called wind.	1												
(d) Release of smoke into air causes _____ pollution.	1												
(e) Mud in water is a _____ impurity.	1												
II. State whether the given statements are True (T) or False (F) :													
(a) Burning of fuels pollutes our environment. _____	1												
(b) A force cannot change the shape of an object. _____	1												
(c) Screws are used to put things together. _____	1												
(d) Water on heating changes into ice. _____	1												
(e) Evaporation is faster when the surface is large. _____	1												
III. Name the following :	5												
(a) The force by which the earth pulls the objects towards it. _____													
(b) A liquid substance which is used as a fuel in cars. _____													
(c) The smallest particle of matter. _____													
(d) Movement of the earth causing day and night. _____													
(e) It is used to cook food using solar energy. _____													
IV. Match the following :	5												
<table style="width: 100%; border: none;"><tr><td style="width: 50%; text-align: center;">I</td><td style="width: 50%; text-align: center;">II</td></tr><tr><td>(a) Lever</td><td>Plastic</td></tr><tr><td>(b) Oxygen</td><td>Solution</td></tr><tr><td>(c) Non biodegradable</td><td>Gas</td></tr><tr><td>(d) Soil</td><td>Scissor</td></tr><tr><td>(e) Sea water</td><td>Insoluble</td></tr></table>	I	II	(a) Lever	Plastic	(b) Oxygen	Solution	(c) Non biodegradable	Gas	(d) Soil	Scissor	(e) Sea water	Insoluble	
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<p>V.</p>	<p>Give one word answer :</p> <p>(a) Which gets heated quicker – Sea or Land? _____</p> <p>(b) What is the ultimate source of heat and light on the Earth? _____</p> <p>(c) Which gas is dissolved in water ? _____</p> <p>(d) What is the process of change of liquid into a solid called? _____</p> <p>(e) Which type of pollution affects the life of aquatic animals adversely? _____</p>	<p>5</p>
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<p>VI.</p>	<p>Look at the picture and answer the questions that follow : Identify the picture</p> <p>(a) (i) Evaporation (ii) Chlorination (iii) Boiling (iv) Filtration</p>		<p>4</p>
<p>(b)</p> <p>(c)</p> <p>(d)</p>	<p>We can remove _____ impurities by this method.</p> <p>(i) Soluble (ii) Insoluble (iii) Miscible (iv) None</p> <p>It is added to water to kill germs</p> <p>(i) Sodium (ii) Calcium (iii) Chlorine (iv) Oxygen</p> <p>The germs can be removed from water by</p> <p>(i) Filtration (ii) Sedimentation (iii) Decantation (iv) Boiling</p>		

<p>VII.</p>	<p>Read the following and answer the questions that follow : Anything that has mass and occupies volume is called matter.</p> <p>(a) The substance which has a definite shape and fixed volume is a : (i) Solid (ii) Liquid (iii) Gas (iv) Matter</p> <p>(b) Which of the following is not a liquid ? (i) Milk (ii) Petrol (iii) Juice (iv) Salt</p> <p>(c) The smallest substance in matter is (i) Cell (ii) Molecules (iii) Shell (iv) Dust</p> <p>(d) Which of the following is a property of liquids ? (i) Fixed volume (ii) Definite shape (iii) Definite size (iv) cannot flow</p>	<p>4</p>
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X. Answer the following questions :

(a) What happens when water vapour comes in contact with cold objects ?

2

(b) Write two ways to prevent land pollution.

2

(c) How can clouds formed?

2

(d) What are the different sources of energy.

2

(e) What is our environment made up of ?

2

(f) Write two properties of gases .

2

(g) What is force ?

2

<p>XI. Answer the following questions :</p> <p>(a)</p> <p>(b)</p> <p>(c)</p> <p>(d)</p> <p>(e)</p>	<p>How is water pollution caused ?</p> <hr/> <hr/> <hr/> <p>What would have happened if there was no process of condensation in our nature ? What will be its impact? _____</p> <hr/> <hr/> <hr/> <p>What is friction? Mention any one use of friction in our daily life.</p> <hr/> <hr/> <hr/> <p>Differentiate between evaporation and condensation.</p> <hr/> <hr/> <hr/> <p>How can you say that states of matter are inter-changeable ?</p> <hr/> <hr/> <hr/>	<p>3</p> <p>3</p> <p>3</p> <p>3</p> <p>3</p>
<p>XII.</p> <p>1.(a)</p>	<p>Answer the following long questions</p> <p>When is work said to be done ?</p> <hr/> <hr/> <hr/>	<p>2</p>

(b) What are simple machines? Draw and describe any one simple machine.

3

2.(a) Write three ways to save trees ?

3

(b) When is world environment day celebrated all over the world .

2
