

**ST. THOMAS SCHOOL, SAHIBABAD**  
**WORKSHEET ANNUAL EXAMINATION (2025-26)**  
**CLASS – IV**  
**SCIENCE**

**TIME ALLOWED: 2½ HOURS**

**MARKS OBTAINED: \_\_\_\_\_**

**NAME: \_\_\_\_\_ ROLL NO.: \_\_\_\_\_ SEC: \_\_\_\_\_ DATE: \_\_\_\_\_ MM: 80**

**1. Fill in the blanks:**

- |   |   |
|---|---|
| (a) Pluto and Eris are _____.                         | 1 |
| (b) Wind mills are used to extract energy from _____. | 1 |
| (c) The _____ causes changes in weather.              | 1 |
| (d) We should dispose of garbage in _____ at home.    | 1 |
| (e) Land gets heated up _____ than water.             | 1 |

**2. State whether the given statements are True (T) or False (F):**

- |  |        |   |
|--|--------|---|
| (a) Mercury is the largest planet.                                   | (    ) | 1 |
| (b) Wedge is commonly used for cutting objects.                      | (    ) | 1 |
| (c) Air expands on heating.  | (    ) | 1 |
| (d) Only people in villages use trees.                               | (    ) | 1 |
| (e) Filter paper allows impurities to pass through it but not water. | (    ) | 1 |

**3. Name the following:**

- |   |       |   |
|---|-------|---|
| (a) Red planet.   | _____ | 1 |
| (b) The force that attracts objects to the Earth's surface. | _____ | 1 |
| (c) Very fast and strong wind.                              | _____ | 1 |
| (d) The process of adding chlorine to water to kill germs.  | _____ | 1 |
| (e) Planting trees in large numbers.                        | _____ | 1 |

**4. Match the following:**

- | I                       | II           |   |
|-------------------------|--------------|---|
| (a) Biodegradable waste | Evening star | 1 |
| (b) Simple machine      | Knife        | 1 |
| (c) Constellation       | Fuel         | 1 |
| (d) Venus               | Paper        | 1 |
| (e) CNG                 | Orion        | 1 |

**5. Circle the odd one:**

- |               |       |         |                   |   |
|---------------|-------|---------|-------------------|---|
| (a) Dew       | Fog   | Frost   | Underground Water | 1 |
| (b) Sun       | Ramp  | Wind    | Water             | 1 |
| (c) Microwave | Slide | Scissor | Screw driver      | 1 |

**6. Give two examples:**

- |                                      |       |       |   |
|--------------------------------------|-------|-------|---|
| (a) Non-biodegradable wastes         | _____ | _____ | 2 |
| (b) Methods used for purifying water | _____ | _____ | 2 |
| (c) Lever                            | _____ | _____ | 2 |
| (d) Soluble impurities               | _____ | _____ | 2 |

**7. Read the passage given below and tick (✓) the correct answer:**

A force is needed for every push or pull. There are different types of forces:

- (i) Which of the following is an application of muscular force? 1  
(A) Making dough (B) Falling of leaves from a tree  
(C) Placing iron nails near a magnet (D) Sliding a pen on the table
- (ii) The force exerted on objects by the Earth is \_\_\_\_\_. 1  
(A) magnetic (B) gravitational (C) frictional (D) muscular
- (iii) A football kicked by a boy rolls on the ground to some distance and then stops. The force which stops the ball is \_\_\_\_\_. 1  
(A) frictional (B) muscular (C) gravitational (D) electrostatic
- (iv) The scientist who first told about gravity was \_\_\_\_\_. 1  
(A) Aryabhata (B) Sir Isaac Newton (C) Albert Einstein (D) Thomas Young

**8. Observe the picture and tick (✓) the correct answer:**

- (i) Disease caused by air pollution 1  
(A) Cholera (B) Typhoid (C) Asthma (D) Malaria
- (ii) Gaseous discharge from industries causes 1  
(A) Noise pollution (B) Air pollution  
(C) Land pollution (D) Water pollution
- (iii) Exposure to loud noise over a long period of time causes 1  
(A) Deafness (B) Paleness (C) Blindness (D) None of the above
- (iv) Which among the following can cause both air pollution and water pollution 1  
(A) Burning of garbage (B) Industrial waste  
(C) Harmful gases (D) Noise from airplanes



**9. Define the following terms:**

- (a) Pollutants - \_\_\_\_\_ **1**  
\_\_\_\_\_
- (b) Weather - \_\_\_\_\_ **1**  
\_\_\_\_\_
- (c) Work - \_\_\_\_\_ **1**  
\_\_\_\_\_
- (d) Axis - \_\_\_\_\_ **1**  
\_\_\_\_\_

**10. Answer the following questions:**

- (a) Name the inner planets of our solar system. **2**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- (b) Give examples of how friction is useful in daily life? **2**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- (c) How can drinking or using dirty water affect our health? **2**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(d) How can you help in saving the environment?

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2

(e) What do you mean by biodegradable wastes?

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2

(f) Hot air balloons rise in the sky. Give reason.

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3

(g) Enlist the differences between a star and a planet.

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3

(h) How can water be purified through sedimentation and decantation?

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3

(i) Write three ways in which you can keep the air clean.

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3

(j) What is the solar system? Name the star at the centre of the solar system.

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(k) Distinguish between rotation and revolution of earth.

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**11. Answer the following questions:**

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(i) How does water vapour condense to form Snow, Hail, Fog, Dew and Frost?

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(ii) Explain sea breeze with the help of a diagram.

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