

**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	1
(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

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(b) Give examples of how friction is useful in daily life? 2

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(c) How can drinking or using dirty water affect our health? 2

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(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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(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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3

(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.