

**ST. THOMAS SCHOOL, SAHIBABAD**  
**WORKSHEET ANNUAL EXAMINATION (2025-2026)**  
**CLASS – V**  
**SCIENCE (086)**

**TIME ALLOWED :2 ½ HOURS**

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

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

**1. Fill in the blanks:**

- a. Zuidwal volcano is an \_\_\_\_\_ volcano. 1
- b. The surface of the Moon is covered with \_\_\_\_\_ and mountains. 1
- c. Cholera and dysentery are caused by \_\_\_\_\_ pollution. 1
- d. An increasing concentration of greenhouse gases leads to \_\_\_\_\_. 1
- e. \_\_\_\_\_ are tools that have very simple structure and make our work easier and faster. 1

**2. Write True or False for the statements:**

- a. A greenhouse always stays cold inside. [ ] 1
- b. Noise pollution causes cancer. [ ] 1
- c. The outermost layer of the Earth is the crust. [ ] 1
- d. In 2004, the earthquake in the Indian Ocean caused a Tsunami. [ ] 1
- e. Frictional force is applied in batting a ball. [ ] 1

**3. Name the following:**

- a. The layer of the Earth on which continents and oceans lie. \_\_\_\_\_ 1
- b. The natural calamity caused by an underwater earthquake. \_\_\_\_\_ 1
- c. The star nearest to the Earth. \_\_\_\_\_ 1
- d. The gas used in air conditioners. \_\_\_\_\_ 1
- e. The energy possessed by an object due to its position or movement. \_\_\_\_\_ 1

**4. Match the following:**

- | A                    | B                    |   |
|----------------------|----------------------|---|
| a. Sputnik 1         | Dormant volcano      | 1 |
| b. Fossil fuel       | Knife                | 1 |
| c. Mount Kilimanjaro | Coal                 | 1 |
| d. Wedge             | Artificial satellite | 1 |


**5. Circle the odd one:**

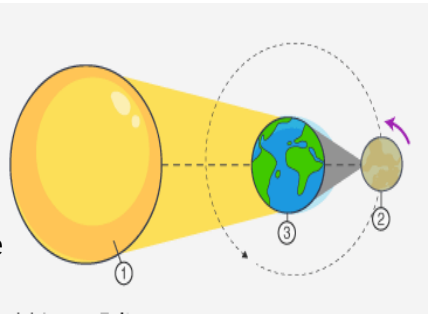
- |                   |            |          |          |   |
|-------------------|------------|----------|----------|---|
| a. Bicycle,       | Pulley,    | Wedge,   | Screw    | 1 |
| b. Suptnik1,      | Aryabhata, | Moon,    | Bhaskara | 1 |
| c. Carbondioxide, | Oxygen,    | Methane, | Ozone    | 1 |
| d. Drought,       | Tsunami,   | Flood,   | Famine   | 1 |

**6. Give two examples for the following:**

- |  |   |
|--|---|
| a. Two active volcanoes: _____,                              | 2 |
| b. Two metals present in the outer core of the Earth: _____, | 2 |
| c. Two diseases caused by air pollution: _____,              | 2 |
| d. Two sources of greenhouse gases: _____,                   | 2 |

**7. Observe the Pictures and answer the given questions:**

- a) i. Name the natural calamity shown in the picture.  1
- (A ) Flood (B) Tsunami  
(C) Drought (D)Earthquake
- ii. What is the main cause this calamity? 1
- (A)Deforestation (B) Overpopulation  
(C) Lack of rain (D) Earthquakes
- iii. The condition that occurs due to hunger and scarcity of food and water is called: 1
- (A ) Starvation (B) Famine (C) Deficiency (D) Diseases
- iv. Which of the following two states are affected by this calamity? 1
- (A)Assam and Meghalaya (B) Rajasthan and Gujarat  
(C) Punjab and Haryana (D) Kerala and Tamil Nadu

- b) i. Name the eclipse shown in the given figure.  1
- (A) Partial Solar Eclipse (B) Solar Eclipse  
(C) Lunar Eclipse (D) Total Solar Eclipse
- ii. Name the eclipse that last for very short time. 1
- (A) Lunar Eclipse (B) Partial Lunar Eclipse  
(C) Solar Eclipse (D) Total Lunar Eclipse
- iii. When the moon is completely in the dark shadow of the Earth, it is called: 1
- (A) Umbra (B) Partial Lunar Eclipse  
(C) Penumbra (D) Total Lunar Eclipse
- iv. The part that blocks only a part of sunlight is called: 1
- (A) Partial Lunar Eclipse (B) Umbra (C) Penumbra (D) Solar Eclipse

**8. Define the following terms:**

- a. Environmental pollution - \_\_\_\_\_ 1  
\_\_\_\_\_
- b. Muscular Force - \_\_\_\_\_ 1  
\_\_\_\_\_
- c. Seismograph - \_\_\_\_\_ 1  
\_\_\_\_\_
- d. Natural disaster - \_\_\_\_\_ 1  
\_\_\_\_\_

**9. Answer the following questions briefly:**

- a. Is there any connection between tides and moon? Give reason for your answer. 2  
\_\_\_\_\_  
\_\_\_\_\_
- b. How are craters formed on the moon? 2  
\_\_\_\_\_  
\_\_\_\_\_
- c. While playing carrom, why do we sprinkle powder on the board? 2  
\_\_\_\_\_  
\_\_\_\_\_
- d. Write any two harmful effects of air pollution. 2  
\_\_\_\_\_  
\_\_\_\_\_
- e. How is water pollution caused? 2  
\_\_\_\_\_  
\_\_\_\_\_
- f. What is a simple machine? Give two examples of simple machines. 2  
\_\_\_\_\_  
\_\_\_\_\_

**10. Answer the following questions:**

a. What is a volcano? Name the types of volcanoes and give examples.

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b. What is an electrostatic force. Explain it briefly with examples.

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c. How is an earthquake measured? What are the effects of an earthquake.

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d. What is corona? Name the hottest part of the Sun. How much time does sunlight take to reach the Earth's surface.

3

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e. Label A, B and C in the given diagram.

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A.

B.

C.

f. What is pollution? Explain the different types of pollution with examples.

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g. Explain the internal structure of the Earth with a neat and labelled diagram.

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