

NAVBHARAT PUBLIC SCHOOL, SUKULWA, GOPALGANJ

Class VII Science Worksheet

Chapter: Physical and Chemical Changes

Name: _____ Roll No.: _____ Date: _____ Total Marks: 20

Learning Outcomes

After completing this worksheet, students will be able to:

- Differentiate between physical and chemical changes.
- Identify examples of physical and chemical changes in daily life.
- Understand characteristics of chemical changes.
- Apply concepts through reasoning-based questions.

A. Fill in the Blanks (1 × 5 = 5 Marks)

1. A change in which no new substance is formed is called a _____.
2. Rusting of iron is an example of a _____ change.
3. Melting of ice is a _____ change.
4. Burning of paper produces _____ substances.
5. The process of preventing rusting by coating iron with zinc is called _____.

B. Match the Following (1 × 5 = 5 Marks)

Column A

Column B

- | | |
|-------------------------|----------------------------|
| 1. Rusting | a. Physical Change |
| 2. Boiling of water | b. Galvanization |
| 3. Burning of wood | c. Chemical Change |
| 4. Melting of wax | d. Iron reacts with oxygen |
| 5. Zinc coating on iron | e. New substances formed |

C. Answer the Following Questions ($2 \times 5 = 10$ Marks)

1. What is a physical change? Give two examples.

2. What is a chemical change? Give two examples.

3. State any four differences between physical and chemical changes.

4. Why does iron rust? Mention two methods to prevent rusting.

5. Explain why burning of paper is considered a chemical change.

Activity Corner (Optional)

Observe the following changes at home and classify them as **Physical (P)** or **Chemical (C)**.

Change	P / C
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Breaking a glass	_____
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Cooking rice	_____
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Dissolving sugar in water	_____
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Burning a candle wick	_____
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Freezing water	_____
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Teacher's Remarks

NAVBHARAT PUBLIC SCHOOL, SUKULWA, GOPALGANJ

Rising To New Heights

SUKULWA, GOPALGANJ