



**INDIAN SCHOOL MUSCAT**  
**DEPARTMENT OF SCIENCE**



**SUBJECT: SCIENCE**

**Revision Worksheet No: 3**

**TOPIC : PHYSICAL AND CHEMICAL CHANGES**

**STD : 7**

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**Date of Issue: 16/5/ 18**

Name of the student: \_\_\_\_\_ Class 7\_\_\_ Roll No:\_\_\_

**1. ANSWER THE FOLLOWING**

1. Classify the following changes into physical and chemical changes

- (i) Galvanization of Iron
- (ii) Explosion of fire work
- (iii) Decaying of organic matter
- (iv) Breaking of glass
- (v) Formation of clouds

2. Name the gas formed when vinegar is mixed with baking soda.

\_\_\_\_\_

3. Why is burning magnesium ribbon in air a chemical change?

\_\_\_\_\_  
\_\_\_\_\_

4. What kind of change is shown by the tearing of paper?

\_\_\_\_\_  
\_\_\_\_\_

5. Explain the following

(a) Lime water turns milky on passing carbon dioxide gas into it.

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(b) Bubbles are produced when acetic acid is added to a solution of sodium bicarbonate.

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6. A student took a solution of copper sulphate in a beaker and put a clean iron nail into it and left it for about one hour.

(a) What change do you expect?

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(b) What type of change is this?

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(c) Write a word equation for the above reaction.

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7. Write whether magnetisation of steel is a physical change or not? How is it different from magnetisation of Iron?

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