

# WELCOME TO THE ONLINE CLASS

**SESSION NO.: 13**

**CLASS: 5**

**SUBJECT: SCIENCE**

**CHAPTER NUMBER: 5 & 6**

**CHAPTER NAME: SOLIDS, LIQUIDS AND GASES, SOIL EROSION  
AND CONSERVATION**

**SUB TOPIC: REVISION-3**

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**CHANGING YOUR TOMORROW**

# LEARNING OBJECTIVE

**To enable the learner to:**

- **review the topics.**

## REVISION-3

### A. Fill in the blanks.

1. \_\_\_\_\_ are always in a state of motion.
2. Melting of wax is an example of a \_\_\_\_\_ change.
3. Atoms of the same kind combine to form \_\_\_\_\_.
4. \_\_\_\_\_ river in Bihar changes its course frequently and cause great havoc in 2008.
5. Soil erosion can be reduced by cutting the slope into \_\_\_\_\_.
6. The three R's stands for \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.
7. \_\_\_\_\_ on hill slopes leads to soil erosion.

# REVISION-3

## **B. Answer the following questions.**

- 1. Write some ways to save the earth.**
- 2. Mention the importance of cover crops.**
- 3. State some reasons how humans are responsible for soil erosion.**
- 4. Ramu, the gardener, is trying to pull out weeds. However, he has to apply great force. Why do you think he has to apply so much force?**
- 5. Which state of matter takes the shape of its container? Why?**
- 6. Bubbles appear when you open a bottle of soda but not when you open a bottle of mineral water. Why?**

# ANSWERS

## REVISION-3

### A. Fill in the blanks.

1. Molecules are always in a state of motion.
2. Melting of wax is an example of a physical change.
3. Atoms of the same kind combine to form elements.
4. Kosi river in Bihar changes its course frequently and cause great havoc in 2008.
5. Soil erosion can be reduced by cutting the slope into steps or terraces.
6. The three R's stands for reduce, reuse, recycle.
7. Ploughing on hill slopes leads to soil erosion.

# REVISION-3

**B. Answer the following questions.**

**1. Write some ways to save the earth.**

**Ans: Some ways to save the earth:**

- **Plant trees**
- **Save water**
- **Save electricity**
- **Follow 3R's- reduce, reuse and recycle**
- **Avoid plastic objects**

**2. Mention the importance of cover crops.**

**Ans: The roots of the plant hold the soil tightly and prevent soil erosion. Therefore, cover crops are grown in the barefield to protect the soil from erosion.**

# REVISION-3

**B. Answer the following questions.**

**3. State some reasons how humans are responsible for soil erosion.**

**Ans: Humans are responsible for soil erosion in the following ways:**

- **Deforestation**
- **Ploughing on hill slopes**
- **Overgrazing**

**4. Ramu, the gardener, is trying to pull out weeds. However, he has to apply great force. Why do you think he has to apply so much force?**

**Ans: Weeds are unwanted plant. We know that roots of the plant hold the soil tightly. Therefore, the gardener has to apply a great**



## REVISION-3

**B. Answer the following questions.**

**5. Which state of matter takes the shape of its container? Why?**

**Ans: The state of matter that takes the shape of its container is liquid.**

**In liquids, the molecules are loosely packed, so it takes the shape of its container.**

**6. Bubbles appear when you open a bottle of soda but not when you open a bottle of mineral water. Why?**

**Ans: Bubbles appear when we open a bottle of soda but not when we open a bottle of mineral water. Because carbon dioxide gas is dissolved in soda under great pressure.**

# **HOMEWORK**

**Learn Ch- 7 & 8**

# LEARNING OUTCOME

**The learner will be able to:**

- **review the topics.**

**THANKING YOU**  
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