

# Materials used in daily life and its manufacturing process Homework test 1

**Instructions for students:** Follow your teacher's instruction. Also, you can attempt this test online and see your result.



[Solve online](#)

## 1. Properties of cement and its uses (2 m.)

Match the following:

- A)  $MgO$
- B) Iron ball

- 1. Magnesium oxide -
- 2. Crushing process -



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## 2. State true or false based on cement- properties and uses (1 m.)

State true or false:

- 1. Crushing of cement is done with the help of stones.
  - A) False
  - B) True
- 2. The fast cooling process is very important as it makes the clinker with low strength of cement after grinding.
  - A) False
  - B) True



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## 3. Find the answer for the questions based on cement (2 m.)

Find the answer for the question: Who am I?

(Note: write only one letter in each box.)

1. My presence in cement is 3% to 6%, I will give quick setting property to the cement. I can also weaken the cement when my percentage is increased. Who am I?



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2. I invented the binder, which is a powdery substance in 1824. I made this binder made from eight ingredients. I named this binder from the place of its origin. Who am I?

#### 4. Plaster of paris and Phenol (2 m.)

Unscramble the following jumbled words:

Hint -I

This chemical is commonly known as Plaster of Paris.

1. A H E C L I A H E U M T A H E C L I U S P Y D R M T -

Hint -II

Plaster of Paris is used in making caste for statue.

2. T E S A C -



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#### 5. Adhesives and Phenol (1 m.)

Choose the correct answer based on the topic adhesives and phenol:

1. Phenol is used as a \_\_\_\_\_ and as a cleansing agent for floors.

- A) bacterial
- B) disinfectant
- C) None of these

2. Phenol in the presence of impurities turns \_\_\_\_\_ in colour.

- B) Green
- C) Blue
- D) Red



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#### 6. Answer the following question based on the topic cement (3 m.)

Answer the following questions:

1. What is cement? Write a note on stages involved in cement preparation.



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2. Write a note on physical properties of cement.

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3. What is a mortar?  
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