

Introduction to chemistry in daily life

Progress test 1

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



[Solve online](#)

1. Inorganic fertilizers and its uses (3 m.)

Answer the following:

1. Write a note on inorganic fertilizers.



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2. Properties of soap and detergents (2 m.)

Fill in the blanks with the correct option given below in the table:

| | | | |
|----------------|-----------------------|-------------|-------------------|
| Dissolve | Chemical | Hydrophobic | Micelle |
| Saponification | Surface tension | Moisture | Natural indicator |
| Physical | Sodium lauryl sulfate | Hydrophilic | Fluoride |
| Rusting | Oil | Coffee | Surfactant |



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1. The dirt's mostly contains which is insoluble in water.
2. changes are irreversible in nature.

3. Everyday chemistry and Natural indicators (4 m.)

Who am I?

1. I help in the process of chemical change. The formation of perfect dough is made with the help of me through the fermentation process. I am a microbe.

Who am I?

2. I am the chemical compound and a form of drug. I am present in coffee. I help in restoring mental alertness and drowsiness. Who am I?



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4. Unscrambled words on natural indicators (2 m.)

Unscramble the following jumbled words:

Hint -I

This process takes place in curd formation.

1. MRTAETEIONFN -

Hint -II

This is formed in chemical change.

2. SNTASCEWENUB -



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5. Properties of soap and detergent (2 m.)

Choose the correct answer:

1. They cleanse the dirt by micelle action. Detergents are also known as ; they reduce water's surface tension.

- A) Soap
- B) Surfactant
- C) Baking powder



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2. The chemical sodium lauryl sulfate present in toothpaste helps in producing during brushing.

- A) Foam
- B) Salt
- C) Water

6. Overall view on introduction to chemistry in everyday life (4 m.)

Fill in the blanks:

1. This is a mineral present in our teeth and used to strengthen our teeth enamel.

This is present as a chemical in toothpaste. This present in toothpaste fights tooth decay.

2. The process where no new substance is produced during the reaction. These are quick process and can be reversed back. The process of cutting nails is an example of this process. This is called as the



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