

Introduction to chemistry in daily life

Homework test 2

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



[Solve online](#)

1. Unscramble the words from Chemistry in everydaylife (2 m.)

Unscramble the following jumbled words:

Hint -I

This is a mixture of many chemicals such as fluoride, calcium carbonate, antibacterial agents which helps in cleaning our teeth.

1. S P T A T O H O E T -

Hint -II

This chemical is present in onion.

2. P S L R U H U -



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2. Organic and inorganic fertilisers (2 m.)

Choose the correct answer:

1. The organic fertilizers are made from sources that occur

- A) Naturally
- B) Both
- C) Artificially

2. Underground water gets polluted by fertilizer.

- B) Organic
- C) None of these
- D) Inorganic



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3. Characteristics of fertilisers (4 m.)

Fill in the blanks with correct options given in the table:

Carbonic	Nitrogen	Vermicomposting	Sulfur
Phosphorous	Air	Earthworm	Fertilizers
Germination	Agriculture	Potassium	Microbial
Inorganic	Organic	Humus	Chemicals

1. The essential nutrients which are insufficient in the soil are provided by They can be prepared synthetically and also by natural process.

They help in plant growth in various ways.

2. The micronutrients are provided by this fertilizers. The activity in this fertilizer promotes plants growth and prevents plants diseases or resistance.



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4. Fertilisers (2 m.)

Match the following:

- A) Potassium
- B) Seed formation
- C) Inorganic fertilizers
- D) Agricultural waste
- E) Scrap metals
- F) White worms
- G) Vermicomposting
- H) Water holding capacity
- I) Farmer's Friend
- J) Yard trimmings
- K) Micronutrients
- L) Carbonic content



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Column I	Column II
Phosphorous
Crop residue

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

Fill in the blanks:

1. The essential micronutrients which are insufficient in the soil are provided by They are prepared from naturally process. They help in plant growth in various ways.

2. are obtained from naturally available materials. They have chemicals present in them which helps in colour change on reaction with acid and base. These are used to check the reaction completion.



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6. Everyday chemistry (2 m.)

Find the correct statement:

6. Everyday chemistry (2 m.)

Find the correct statement:

1. a) Humus increases the water holding capacity in the soil, and it is prepared from organic waste.

b) Humus decreases the water holding capacity in the soil, and it is prepared by the vermicomposting process.

c) Vermicomposting process is done with the help of worms, and this produces organic fertilizers from naturally available materials.

- A) Statement a and b is incorrect
- B) Statement a and c is correct
- C) Statement b and c is incorrect
- D) Statement a and b is correct

2. a) Turmeric is a naturally available substance and contains curcumin which is a chemical that helps in colour change when it reacts with acid or base.

b) Soap is prepared by saponification process, and it cleanses the dirt by the action of micelle which has hydrophilic and hydrophobic end in them.

c) Natural indicators are used in acid-base reaction as to find the initiation of the reaction, and they are available in nature.

- A) Statement b and c is incorrect
- B) Statement a and b is correct
- C) Statement a, b and c is correct
- D) Statement a and c is correct



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