

Introduction to chemistry in daily life

Progress test 2

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

[Attempt online and know results](#)

Topic: Introduction to chemistry in daily life

Dates: 25.10.2022 until unlimited

Question count: 4

Total marks: 18

1. Chemistry in everyday life (5 m.)

Arrange the following sentences in a sequence with respect to soap:

1.

A) The property of soap is that they dissolve in water easily.

B) Micelles act in cleaning the dirt from the fabric.

C) The saponification process between the sodium or potassium salts with the fatty acids makes up soaps.

D) This head and tail formation is known as micelles.

E) The long-chain carbons present in the soap makes the hydrophobic group, and the sodium molecule acts as the hydrophilic group.

A) The saponification process between the sodium or potassium salts with the fatty acids makes up soaps.

B) This head and tail formation is known as micelles.

C) The long-chain carbons present in the soap makes the hydrophobic group, and the sodium molecule acts as the hydrophilic group.

D) Micelles act in cleaning the dirt from the fabric.

E) The property of soap is that they dissolve in water easily.

A) The saponification process between the sodium or potassium salts with the fatty acids makes up soaps.

B) The property of soap is that they dissolve in water easily.

C) Micelles act in cleaning the dirt from the fabric.

D) This head and tail formation is known as micelles.

E) The long-chain carbons present in the soap makes the hydrophobic group, and the sodium molecule acts as the hydrophilic group.

- A)** The long-chain carbons present in the soap makes the hydrophobic group, and the sodium molecule acts as the hydrophilic group.
- B)** The saponification process between the sodium or potassium salts with the fatty acids makes up soaps.
- C)** The property of soap is that they dissolve in water easily.
- D)** This head and tail formation is known as micelles.
- E)** Micelles act in cleaning the dirt from the fabric.

- A)** This head and tail formation is known as micelles.
- B)** The property of soap is that they dissolve in water easily.
- C)** Micelles act in cleaning the dirt from the fabric.
- D)** The long-chain carbons present in the soap makes the hydrophobic group, and the sodium molecule acts as the hydrophilic group.
- E)** The saponification process between the sodium or potassium salts with the fatty acids makes up soaps.

Important!

This exercise will be checked manually by your teachers.

Click to view solution for similar question online

[View solution](#)

2. Picture based questions: Natural indicators (9 m.)

With the help of the picture answer the following question:

1.

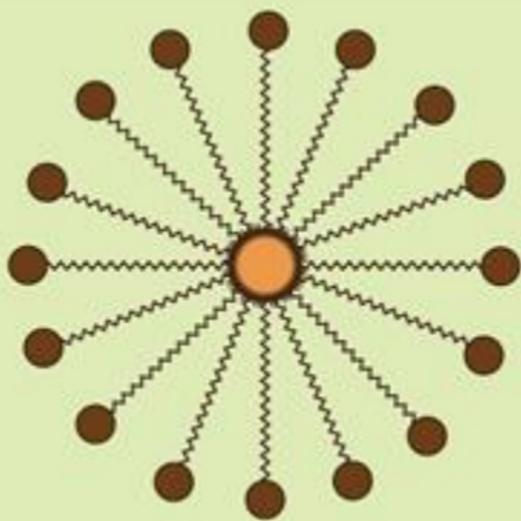


a) This is the picture of -

b) The chemical present in it -

c) Used in reaction has -

2.



a) The above formation is known as -

b) This is the water-loving group -

c) This is the water-hating group -

3.



- a) The picture represents this process-
- b) This provide micronutrients -
- c) Increases water holding capacity -

Important!

This exercise will be checked manually by your teachers.

Click to view solution for similar question online

[View solution](#)

3. Unscrambled words on Fertilisers (2 m.)

Unscramble the following jumbled words:

Hint -I

Other name for chemical fertilizers.

1. I G N O R N A C I -

Hint -II

Organic fertilizers provide this type of nutrients to the soil.

2. T R I E M C N T N S O U R I -

Click to view solution for similar question online

[View solution](#)

4. Match the correct options on natural indicators, soap and detergents (2 m.)

Match the following:

- A) Trimming paper
- B) Soap
- C) Fermentation
- D) Tooth decay
- E) Foam

- F) Calcium carbonate
- G) Cooking gas
- H) Saccharin
- I) Mosquito on water
- J) Salt with fatty acid
- K) Water repellent
- L) Ageing
- M) Coffee
- N) Indicators
- O) Turmeric
- P) Water-loving

Column I	Column II
Sodium lauryl sulfate
Fluoride

Click to view solution for similar question online

[View solution](#)