

Textbook questions

Revision 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: Textbook questions

Dates: 25.10.2022 until unlimited

Question count: 6

Total marks: 18.5

1. Give short answer II (2 m.)

What are uses of Gypsum?

- A) Used for making Plaster of Paris
- B) Used for making cement
- C) Used in paints
- D) Used for making glass
- E) Used as fertiliser

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2. Answer in detail (5 m.)

How are detergents manufactured?

A)

Other ingredients such as trisodium phosphate (TSP), sodium tripolyphosphate (STPP), carboxymethyl chloride (or) cellulose, glauber's salt, colour, perfume, brightener are then blended into the neutralised acid slurry with continuous mixing

B)

The acid slurry is then neutralised before being combined with soda ash and allowed to react for one hour

C) Then the mixture is dried

D) Now we get detergent powder.

E) First, the acid slurry is neutralised

Step 1:

Step 2:

Step 3:

Step 4:

Step 5:

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3. Questions based on Higher Order Thinking Skills (4.5 m.)

Ravi is a farmer; he rears many cattle in his farm. His field has many bio wastes. Advise Ravi how to change this bio waste to compost by using vermi-composting techniques. Explain the benefits of vermi castings.

A)

Then, on top of the bio-wastes, add sawdust or coir waste, as well as husk

B) Add a few earthworms with the bio-waste

C) Spray with water

D)

Then, on top of the sand, add garden waste

E)

Fill the cement tub with bio-waste and fill it to a height of 5 cm

F)

A cement tub with a height of 2 feet and a width of 3 feet is required

G) Then add 3 cm of sand to form a layer

H)

Vermicompost manure is generated in 10 to 15 days

I) Water must be sprayed on all layers

Procedure of changing bio waste to compost by using vermicomposting techniques:

Step 1:

Step 2:

Step 3:

Step 4:

Step 5:

Step 6:

Step 7:

Step 8:

Step 9:

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4. Project (0 m.)

- Take 100 ml of hot water in a glass jar.
- Add 50 gram of maida in the hot water and stir it well.
- A paste like substances are formed.
- Add a small quantity of copper sulphate for a long use.
- Now you test this paste by binding your damaged book.

Important!

This is a project work. Student only should work.

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5. True or False. If False, give the correct statement II (2 m.)

1. Adhesives are the substances used to separate the components.

- A) True
- B) False

A) The compounds used to join the components are known as adhesives.

B) The compounds used to separate the components are known as adhesives.

2. NPK are the primary nutrients for plants.

- A) True
- B) False

A) Plants require NPK as their primary nutrition.

B) NPC are the primary nutrients for plants.

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6. Choose the best answer I (5 m.)

1. Soaps were originally made from

- A) animal fats and vegetable oils
- B) proteins
- C) foam booster
- D) chemicals extracted from the soil

2. The saponification of a fat or oil is done using _____ solution for hot process.

- A) sodium hydroxide
- B) potassium hydroxide
- C) hydrochloric acid
- D) sodium chloride

3. Gypsum is added to the cement for

- A) hardening
- B) fast setting
- C) making paste
- D) delayed setting

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