

Textbook questions Revision test 2

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



[Solve online](#)

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



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Step 1:

Step 2:

Step 3:

Step 4:

Step 5:

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'A 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



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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:

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.



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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
- C) The compounds used to join the components are known as adhesives.
- D) The compounds used to separate the components are known as adhesives.



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2. NPK are the primary nutrients for plants.

- A) True
- B) False
- C) Plants require NPK as their primary nutrition.
- D) NPC are the primary nutrients for plants.

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



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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