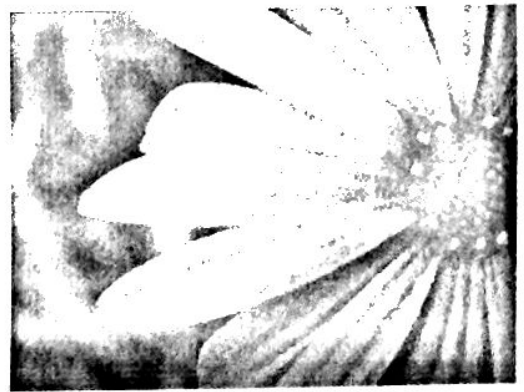


Study Guide - Plant World

Test on Sept. 5th



Read and answer each question

1. Upon what do all living things depend? Plants
2. What are the three main parts of seeds? seed coat, young plant, and stored food
3. What is the seed coat? A protective covering that keeps the seed from drying out or being easily crushed.
4. What happens to the seed coat when the seed begins to sprout? It dies and falls off.
5. Name two ways that you depend on plants to live. We depend on plants for food, clothes, lumber, books, etc.

Matching

- | | |
|---|--|
| <u>b</u> 1. all flowering plants have these | a. water, soil, air, the right temperature |
| <u>c</u> 2. protects the young plant from drying out or from being easily crushed | b. seeds |
| <u>a</u> 3. needed for seeds to grow into a plant | c. seed coat |

Read and answer each question

1. What are the flowers' jobs? (2) to make seeds and attract insects
2. What is the name of the yellow powder formed in flowers? pollen
3. What process moves pollen from flower to flower? pollination
4. What are the stem's jobs? (2) support the plant and transport water and minerals through the plant
5. What are the leaves' jobs? (2) regulate how much water the plant has and make food for the plant

6. What is the food-making process in green plants called? photosynthesis
7. What simple sugar is made in the process of photosynthesis? glucose
8. What four things are needed to complete the process of photosynthesis?
chlorophyll, sunlight, water, carbon dioxide
9. What is chlorophyll? the green material in plants that helps make food
10. What does sunlight provide in this process? energy
11. What is carbon dioxide? a gas plants need for photosynthesis
12. What two things do leaves give off? oxygen and water
13. What are a roots' jobs? (3) to absorb water and minerals, to hold the plant in the ground, and to hold the soil in place
14. What are the root's "mouth?" root hairs
15. What is a spore? a single cell produced in some plants that can grow into a new plant

Label the diagram

Label the Plant Parts

