



Study Guide for Science Test: Plants for Food and Fibre

Use your textbook to answer the following questions.

Think carefully about the answers as these will be helpful to you on the test.



1. Name the parts of a seed plant and what they do. (page 101)
2. What happens during transpiration? (p 103)
3. What is the life cycle of a plant? Start with pollination. (p 110)
4. Different plants are designed to grow in different environments. What is this called? (p 118)

5. A pine tree produces seeds in structures called _____.(p 101)
6. In photosynthesis, plants use the sun's energy to turn carbon dioxide and water into _____ and _____. (p 104)
7. Water moving to the leaves through tiny tubes in the roots and stems is called _____. (p 103)
8. In osmosis, water from the soil enters the root cells of a plant when what happens?(p 107)
9. What is diffusion? (106)
10. What is an embryo and where is it found?(p 101)
11. What is grafting? (p 115)
12. What 4 things do all plants need in order to be healthy and grow?(p 121)
13. What is vegetative reproduction?(p 114)
14. What is a rhizome?(p 114)
15. What is a runner?(p 114)

16.What is a sucker? (p114)

17.What process to bees and other insects help in the life cycle of a plant?(p 111)

18.What is a cutting? (114)

A cactus has adapted to go long periods of time without water. Why does the cactus need this adaptation in order to survive? (p 118)

List 5 reasons why plants are important.(p 129)

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Read pages 135, 136. What is a living resource?

How have the Aboriginal people, European settlers and people today used living resources?

Both osmosis and diffusion move particles. What is the main difference between them? (p 106/107)