

Directions: Be sure to complete all of the readings and assigned questions. Be aware that the unit test questions will refer not only to concepts covered in the worksheets, but also to readings from your textbook.

Keywords: Briefly define each of the following keywords on a separate piece of paper.

Biosphere	Agenda 21
Groundwater	Aquifer
Permafrost	Kyoto Protocol
Desertification	Biodiversity
Boreal	Stewardship

Questions:

Answer each question as completely as you can.

1. What was the Brundtland Commission and what did it recommend?
2. Do farmers prefer to use aquifers for growing crops rather than surface water? Why or why not?
3. What is fluorosis?
4. Review the Case Study on pages 426-427. Question 1 asks why the depletion of the Ogallala aquifer should concern Canadians. Based on what you have read in this chapter, answer this question.

11. List some of the alternatives to fossil fuels. Why do you think these alternatives are not in common use?
12. What is Ballard Power?
13. Overgrazing and overcultivation can lead to desertification. Explain what this means.
14. David Suzuki speaks out against GM foods. What are GM foods? What are some of the “strong” words he uses in expressing his opinion? Why do you think he chose these words?
15. List three statistics which reflect the huge biodiversity of a tropical rainforest.
16. What are Dr. David Schindler’s concerns about Canada’s boreal forests?

17. “The Western Mountain region has 14 per cent of Canada’s forested land, but produces 40 per cent of its marketable timber.” (page 442) Comment on the significance of these numbers, mentioning the idea of stewardship and protected areas.

18. What is ecotourism? What are the pros and cons of it?

19. Explain why recycling paper is an important idea.