

8. Which of the following is an ecological value of Canada's forests?
 - a) Canada exports about \$40 billion of forest products a year
 - b) people value forests for spiritual sanctuary
 - c) forests act as carbon sinks, absorbing carbon dioxide
 - d) more than 300 communities across Canada depend on the forest industry

9. Which of the following is a fossil fuel?
 - a) wind turbines
 - b) nuclear energy
 - c) hydro-electric power
 - d) natural gas

10. Which of the following is not a use made of crude oil?
 - a) to make prescription drugs
 - b) to make metal products
 - c) to generate electricity
 - d) to make plastic products

11. Which of the following is a true statement about the Alberta Tar Sands?
 - a) Edmonton is located at the centre of the Tar Sands
 - b) the volume of water in the Athabasca River has dropped by 30% in 30 years
 - c) the Alberta Tar Sands are really located in northern Saskatchewan
 - d) the Cree First Nation in the area has become poor because of the industry

12. Which approach to using the natural environment can be described as "taking action to protect the environment even when we are not sure of its effectiveness"?
 - a) sustainable development
 - b) deep ecology
 - c) selective environmentalism
 - d) resource management

13. In "The Lorax", who represented the deep ecology point of view?
 - a) the Lorax
 - b) the loggers
 - c) the Once-ler
 - d) the trees

14. The three-stream waste management system used in York Region has these components:
 - a) metal, paper, plastics
 - b) garbage, hazardous waste, recycling
 - c) pick up, drop off, call in
 - d) garbage, recycling, organic composting

15. Canada's average ecological footprint is about:
 - a) 8 ha
 - b) 1.89 ha
 - c) 0.9 tonnes
 - d) 20 tonnes

Part B: Definitions (2 marks each) **Thinking**

Write definitions for the following terms

16. Secondary industries –

17. Subsidy –

18. Ecological footprint -

19. Fossil fuel –

20. Sustainable development –

21. Clear cutting -

22. Megaproject –

23. Alternative energy sources –

Part C: True or False Questions (1 mark each) **Application**

Circle the “T” or “F” to indicate where the statement is true or false.

24. T F A factory worker works in the primary industries.

25. T F The number of farms in Canada has been steadily increasing.

26. T F Livestock farming is the dominant form of agriculture in southern Ontario.

27. T F The 100-mile diet has helped to increase incomes in developing countries.

28. T F 66% of our forests are composed of coniferous trees.

29. T F Forests cover about half of Canada’s total land area.

30. T F Coal is increasing in its importance as an energy source.
31. T F The Tar Sands megaproject is located off the coast of Newfoundland.
32. T F The Hibernia project has a life expectancy of about 20 years.
33. T F Wind power is a renewable source of energy.
34. T F Biogas is a form of alcohol made from plant matter such as corn.
35. T F York Region's goal is to recycle 100% of wastes within the next 5 years.
36. T F Countries in Africa have smaller ecological footprints than Canada.
37. T F Taking buses and walking will help to reduce your ecological footprint.

Part D: Short-answer Questions **Communication**

38. Use this chart to compare the Hibernia and Alberta Tar Sands megaprojects. (6 marks)

Characteristic	Hibernia	Alberta Tar Sands
Opportunities		
Challenges		
Environmental Concerns		

39. Explain what has to be changed to make Canada's energy sources more sustainable. (5 marks)

40. Identify four actions that you could take to reduce your ecological footprint. (4 marks)