

**CANADIAN BOARD OF EXAMINERS FOR PROFESSIONAL SURVEYORS
ATLANTIC PROVINCES BOARD OF EXAMINERS FOR LAND SURVEYORS**

SCHEDULE II / ITEM 4

March 2007

LAND USE PLANNING AND ENVIRONMENTAL MANAGEMENT

Note: This examination consists of 7 questions on 1 page.

Marks

Q. No

Time: 3 hours

Value Earned

<u>Q. No</u>		<u>Value</u>	<u>Earned</u>
1	State the "Bruntland" definition of sustainable development.	8	
2	As a regional and urban planning consultant, you have been asked by a developer client to explain, in writing, the planning process and procedural steps he will have to follow for the development of a 20 ha residential subdivision within your regional municipality. Provide your information as he has requested it in point form for presentation to business partners and potential new investors.	24	
3	Describe some of the precautions which must be taken in conducting land use operations in terrain underlain by permafrost.	8	
4	There are obvious risks in the establishment and operation of single-industry resource communities ("company towns"). Describe some of the risks, advantages, disadvantages and alternatives.	16	
5	A life cycle approach to sustainable development applies to all phases and components of land use activity related to a typical development: Planning and design, Project construction, Use and operation, and Abandonment and reclamation. Identify six of the most important questions to be asked in each of these phases.	24	
6	What right-of-way widths are generally recommended by Transportation authorities for: a) residential subdivision pedestrian walkways? b) local public roads? c) public collector roads? d) highways?	8	
7	Noise reduction is becoming increasingly important as cities and regions expand, bringing with that expansion additional economic activity, land use activity and traffic volumes. What are some of the techniques available for noise abatement?	12	
	Total Marks:	100	