

**ASSOCIATION OF CANADA LANDS SURVEYORS - BOARD OF EXAMINERS
WESTERN CANADIAN BOARD OF EXAMINERS FOR LAND SURVEYORS
ATLANTIC PROVINCES BOARD OF EXAMINERS FOR LAND SURVEYORS**

SCHEDULE II / ITEM 4

March 2006

LAND USE PLANNING AND ENVIRONMENTAL MANAGEMENT

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

Marks

<u>Q. No</u>	<u>Time: 3 hours</u>	<u>Value</u>	<u>Earned</u>
1	As part of the planning process, it is generally useful to prepare a complete schedule of the site data to be gathered. Enumerate such site data in a checklist form.	20	
2	An environmental by-law of your community requires that any urban development for cottages around a lake should optimize the environment. Outline the three most important principles to respect in the planning of such a project.	15	
3	Define the expression "Site Planning".	10	
4	How could one minimize site construction costs?	15	
5	A pedestrian route measuring 30 metres in length leads from a public road to a public park. Illustrate, by a sketch, the ideal planning proposition, in your view, of such pedestrian route measuring four metres in width.	20	
6	Noise has become a frequent preoccupation in terms of planning. Noise levels are measured in decibels, a logarithmic scale by which each interval of ten decibels indicates a level of sound energy ten times greater than before. a) How many decibels correspond to normal conversation? To a busy street? To a jet airplane at full speed? To an automobile horn? b) A noise 20 decibels higher than another has.....times the energy of the latter. Complete the sentence. c) Name three types of solid barriers considered to be very effective in cutting down noise.	10	
7	A minimum turnaround at the end of a "Cul-de-sac" should have ametre minimum outside radius free of parking, so that vehicles such as fire engines can negotiate it Complete the sentence.	10	
Total Marks:		100	