

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

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**SCHEDULE II / ITEM 4  
LAND-USE PLANNING AND ENVIRONMENTAL MANAGEMENT**

**March 2003**

**Note: This examination consists of 6 questions on 1 page.**

**Marks**

**Q.No**

**Time: 3 hours**

**Value   Earned**

1	<u>Explain</u> the theory of the “Zero Lot Line Concept” and discuss its effect on the economy of land use. <u>Draw</u> a concrete example in sketch form.	10	
2	In certain Canadian areas, a rural acreage lifestyle adjacent to established communities is growing in popularity as the cities become increasingly congested with people and vehicles. These developments have both direct and indirect effects on the use and cost of municipal services, land values and future development of the communities. <u>Discuss</u> the problems that this type of development can generate and <u>suggest</u> some ways by which they may be mitigated.	20	
3	<u>Discuss in point form</u> some of the specific planning and design factors that must be taken into account for cities in cold climates. What solutions would be best? Which Canadian city(ies) has(have) found specific solutions, in order to facilitate pedestrian circulation in its(their) downtown area?	20	
4	In many regions, residences originally built as summer cottages are being upgraded or converted for use as permanent residences. <u>Identify</u> some of the problems resulting from this practice and <u>suggest</u> some steps that a municipal or regional jurisdiction can take to mitigate them.	20	
5	As a professional Planner, you have been asked to assist a regional district engineer in selecting a new sanitary landfill site to service three area municipalities. The site will replace the existing landfill site that will reach capacity in two years.  <u>List in point form</u> the most important factors which you will consider and <u>discuss</u> the approach you would take to overcome the public’s “not in my ba syndrome.	20	
6	What gross density (number of dwellings per hectare) would correspond to a : a) farmland type of occupation? b) single family dwelling development? c) multifamily dwelling development (case of high-rise buildings)	10	
	<b>Total Marks:</b>	100	