

**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
LAND USE PLANNING AND ENVIRONMENTAL MANAGEMENT**

March 2004

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

Marks

Q. No

Time: 3 hours

Value Earned

1	<u>Define</u> the expression "Site development".	10	
2	The physical characteristics of a building site or the surrounding area can have a significant influence on the enjoyment of the resident. <u>Outline (list)</u> five major factors to be considered in determining the suitability of the site and the feasibility of development.	15	
3	Sites for residential development should be conveniently accessible to community facilities. <u>Discuss</u> the various facilities or equipment needed in such cases.	15	
4	Generally, the ideal amount of public open space required in a neighborhood will vary from municipality to municipality: 1 ha per 800/1000 population may be considered as a general average. This figure is equivalent to a parcel of 5% to 10% of the total residential area when the density is 15 units/ha. As a planner, how do you respond to your client (a developer) who insists that such space is lost space?	10	
5	How do you define the expression "Official Plan"?	10	
6	The design of vehicular routes permits the efficient and safe movement of people, goods and services, garbage, fire-fighting and other emergency vehicles. Describe the appropriate hierarchy of roads needed (type, width and function for each).	15	
7	<u>Illustrate</u> the following situations (sketch): a) an average single family dwelling on a corner lot, including all pertinent dimensions (dwelling, ideal set backs, lot dimensions) ; b) a lot adjacent to a railway right-of-way (form, dimensions) ; c) grouped private parking spaces next to a 20 unit apartment building (1.2 spaces per unit, including visitors).	10 5 10	
Total Marks:		100	