

**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 5

September 2002

LAND INFORMATION SYSTEMS

Note: This examination consists of 8 questions on 1 page.

Marks

Q.No

Time: 3 hours

Value Earned

1.	How close is GIS software to becoming a household item?	12	
2.	Why do we need topology in a LIS, and how is it handled by the software?	13	
3.	What are the problems you have to deal with being a manager of a computerized LIS?	12	
4.	Do you agree that spatial data integration is an age-old problem but the use of digital spatial data has accentuated this problem?	13	
5.	Briefly describe the contents of a metadata standard, and explain why is it difficult to obtain data required for such a standard.	13	
6.	What do you think are the characteristics of a three-dimensional LIS, and do you think that some of these characteristics could be emulated in a two-dimensional LIS?	13	
7.	Why is it so difficult to develop a universally acceptable standard for data interchange?	12	
8.	Do you think the issues of datum, map projections, and scales are still important in a digital LIS?	12	
	Total Marks:	100	