

**ASSOCIATION OF CANADA LANDS SURVEYORS
BOARD OF EXAMINERS**

**SCHEDULE III / ITEM 2
PROPERTY RIGHTS SYSTEMS ON CANADA LANDS**

**October 2006
(March 18, 1999 Regulations)**

This examination consists of 14 questions on 2 pages

<u>Q. No</u>	<u>Time: 3 hours</u>	<u>Marks</u>	
		<u>Value</u>	<u>Earned</u>
1	What are the relationships between a land survey system and a registration system? Are these different in a provincial system? If your answer is yes, describe the differences.	10	
2	How are Oil and Gas rights administered in the Northwest Territories?	10	
3	Describe "Commissioner's Lands" and their administration.	4	
4	What is the "Mineral Rights System" in the Northwest Territories and how is it administered?	10	
5	What is a placer mining claim? Please describe.	3	
6	What is the land tenure system on Indian lands in Canada?	5	
7	What are the fundamental components of a property rights system in Canada?	5	
8	Describe the main purpose of a land survey in Canada.	3	
9	a) What statements with respect to offshore sovereign rights are attributed to Ambassador Pardo and President Truman?	4	
	b) What were the historical, political and economic circumstances that prompted these men to make these statements?	4	
10	a) List the locations where Canada has unresolved maritime political boundaries with its neighbouring States.	8	
	b) For one of these boundary locations, describe the claims made by Canada and its neighbouring State.	4	
11	Drawing a profile of the sea, seabed, and its subsoil for each situation (vertical exaggeration desirable), show an example where each of the FIVE (5) conditions that can determine the outer limit of the continental shelf takes precedence over the others.	10	

	(In each profile, the candidate must show that the other conditions do not dictate the outer limit.)		
12	On the presumption that global warming will reduce the thickness and extent of the polar ice, how will the following activities affect Canada Lands Surveyors: a) offshore oil exploration and exploitation, b) shipping, c) international boundary determination.	6	
13	There is a real, unresolved, international maritime boundary situation where there are two States situated side by side with a relatively straight coastline across the front of the two States. No other States affect the maritime boundary scenario. Thirty (30) kilometres seaward of the terminus of the land boundary there is a small island which is one (1) kilometre in diameter, is edged by 30-metre cliffs, and could support human habitation. The island's sovereignty is not in dispute, but a military unit of that State occupies the island. Describe possible boundary solutions, preferably ones based on previous international court cases.	8	
14	What are the roles of the Canadian Hydrographic Service and the Geological Survey of Canada in the preparation of Canada's submission to the United Nations' Commission on the Limits of the Continental Shelf for a continental shelf that extends beyond the 200 n.m. limit?	6	
	Total Marks:	100	