

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

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

October 2008

This examination consists of 12 questions on 2 pages.

<u>Q. No</u>	<u>Time: 3 hours</u>	<u>Marks</u>	
		<u>Value</u>	<u>Earned</u>
1	How are National Parks created and how are they described? Name two National Parks?	15	
2	What are the fundamental components of a property rights system in Canada?	6	
3	Outline the main differences between Crown lands and privately-held lands.	6	
4	What is a placer mining claim? Please describe.	8	
5	What is the relationship between a land survey system and a land registration system?	5	
6	How are oil and gas rights administered in the Northwest Territories and in the offshore?	10	
7	What is the significance of the following with respect to the development of the law of the sea: 1) Treaty of Tordesillas (1494), 2) Mare Clausum (1635), 3) Truman Proclamation (1945), 4) Pardo Resolution (circa 1967)?	8	
8	At a scale of 1 inch = 12 nautical miles, draw a hypothetical sinuous (i.e., curvy) coastline and construct the territorial sea limit. Include the following: 1) a closing line for a bay which is 13 nautical miles wide at its mouth, 2) a drying rock which is 6 nautical miles off the coast, 3) a drying rock which is 15 miles off the coast, 4) a string of small islands parallel to the coast.	8	
9	Article 76 of the UN Convention on the Law of the Sea enumerates several parameters to define the outer limit of the continental shelf. Draw as many simplified cross-sections of the continental margin as necessary, each cross-section illustrating a different parameter controlling that outer limit. In each cross-section, include the location of the other parameters, and state why that parameter controls the outer limit.	10	
10	The Nova Scotia – Newfoundland and Labrador Offshore Resources Arbitration (2002) defined a line of delimitation from the Gulf of St. Lawrence seaward. 1) Describe the major geographical elements of this line. 2) Why is this a “line of administration” and not a “boundary”?	4 2	

11	With respect to the Arctic, Prime Minister Stephen Harper claimed that Canada must “use it or lose it”. What surveying activities are in progress to help this cause? What activities could YOU do to promote this cause?	8	
12	Define the status (internal waters, territorial sea, etc) and the level of government (federal, provincial, territorial) having jurisdiction over the following areas: 1) Beaufort Sea near Herschel Island, 2) Queen Charlotte Strait, 3) Northumberland Strait, 4) 2 nautical miles seaward of Cape Bonavista, 5) 250 nautical miles east of Cape Spear.	10	
	Total Marks:	100	