

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

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

**March 2006**

**This examination consists of 12 questions on 2 pages**

<b><u>Q. No</u></b>	<b><u>Time: 3 hours</u></b>	<b><u>Marks</u></b>	
		<b><u>Value</u></b>	<b><u>Earned</u></b>
1	What is the relationship between a land survey system and a registration system? Are these different in a provincial system? If your answer is yes, describe the differences.	15	
2	How are Oil and Gas rights administered in the Northwest Territories?	10	
3	Describe “Commissioner’s Lands” and their administration.	5	
4	What is the “Mineral Rights System” in the Northwest Territories and how is it administered?	10	
5	Describe what a placer mining claim is and its administration.	5	
6	What is the land tenure system on Indian lands in Canada?	5	
7	In the context of maritime jurisdictions, what are the contributions of the following persons: a) John Seldon b) President Harry S. Truman c) Ambassador Arvid Pardo	9	
8	Presume that Canada has just published new nautical charts of a 150-mile section of the coast of Labrador and the Privy Council wishes to update the old Order in Council that defines the straight baselines along that coast. Describe what you would do, and what information you would provide in a draft of the amendment to the Order in Council.	9	
9	In a situation similar to a maritime boundary in Hudson Bay seaward from the Manitoba–Ontario land boundary terminus, would the use of proportionality of coastal lengths be considered for assessing the equity of the delimitation? If you support the use of proportionality, how would it be applied? If you reject the use of proportionality, justify your reason.	1 5	
10	How does each of the following affect the division of provincial and federal responsibilities in the offshore? a) the Constitution Act (1867) (formerly British North America Act), b) the B.C. Offshore Mineral Rights Reference (Supreme Court, 1967), and c) the 1984 Newfoundland Court of Appeal ruling on provincial offshore rights.	6	

11.	<p>A profile of the ocean is as follows. The distance to the nearest point on the baseline is listed in Column “A”, the depth of water at the location is listed on Column “B”, and the thickness of the sedimentary rock that is under the ocean at that location is listed in Column “C”. Determine the maximum extent of the juridical continental shelf that can be claimed by the coastal State according to the provisions of the United Nations Convention on the Law of the Sea. (1 nautical mile = 1852 metres)</p> <table border="1" data-bbox="276 462 1136 1008"> <thead> <tr> <th>“A”</th> <th>“B”</th> <th>“C”</th> </tr> </thead> <tbody> <tr><td>0 km</td><td>0 metres</td><td>---</td></tr> <tr><td>50 km</td><td>100 m</td><td>---</td></tr> <tr><td>100 km</td><td>150 m</td><td>---</td></tr> <tr><td>150 km</td><td>150 m</td><td>---</td></tr> <tr><td>200 km</td><td>170 m</td><td>---</td></tr> <tr><td>250 km</td><td>200 m</td><td>---</td></tr> <tr><td>300 km</td><td>2200 m</td><td>---</td></tr> <tr><td>350 km</td><td>3800 m</td><td>3400 m</td></tr> <tr><td>400 km</td><td>4100 m</td><td>3100 m</td></tr> <tr><td>450 km</td><td>4300 m</td><td>2800 m</td></tr> <tr><td>500 km</td><td>4400 m</td><td>1000 m</td></tr> <tr><td>550 km</td><td>4300 m</td><td>900 m</td></tr> <tr><td>600 km</td><td>4500 m</td><td>600 m</td></tr> <tr><td>650 km</td><td>4200 m</td><td>500 m</td></tr> <tr><td>700 km</td><td>4000 m</td><td>400 m</td></tr> </tbody> </table>	“A”	“B”	“C”	0 km	0 metres	---	50 km	100 m	---	100 km	150 m	---	150 km	150 m	---	200 km	170 m	---	250 km	200 m	---	300 km	2200 m	---	350 km	3800 m	3400 m	400 km	4100 m	3100 m	450 km	4300 m	2800 m	500 km	4400 m	1000 m	550 km	4300 m	900 m	600 km	4500 m	600 m	650 km	4200 m	500 m	700 km	4000 m	400 m	10	
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12.	<p>a) What are the geographical and juridical extents of Canada’s sovereignty over the waters in between the Arctic Islands?</p> <p>b) What are the threats to Canada’s sovereignty in those waters?</p> <p>c) What can a Canada Lands Surveyor do to diminish those threats?</p>	4 4 2																																																	
<b>Total Marks:</b>		<b>100</b>																																																	