

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

**PROFESSIONAL EXAMINATION #2
PROPERTY RIGHTS SYSTEMS ON CANADA LANDS**

**March
2014**

Notice to candidates: this examination is based on the e-edition to the Manual of Instructions
for the Surveys of Canada Lands

Note: This examination consists of 14 questions on 2 pages.

Marks

<u>Q. No</u>	<u>Time: 3 hours</u>	<u>Value</u>	<u>Earned</u>																		
1	What is an Indian Reserve and who owns reserve land?	8																			
2	Differentiate between a surrender and a designation as it relates to First Nations (Indian) Reserves.	10																			
3	Are Aboriginal lands protected in Canada? Please discuss.	10																			
4	Define "Specific Claim".	5																			
5	Provide a definition of National Parks in Canada.	5																			
6	What are settlement lands in Yukon?	7																			
7	How do lands become Canada Lands?	5																			
8	Why are nautical charts important for establishing and enforcing a State's jurisdictional rights offshore?	5																			
9	What are the differences between: a) normal baselines and straight baselines, b) Internal Waters and Territorial Sea, c) Exclusive Economic Zone (EEZ) and continental shelf, d) geological continental shelf and juridical continental shelf, e) rock awash and low tide elevation.	10																			
10	<p>Connect persons listed in column A with things listed in column B and dates listed in column C.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 33%;">Column A</th> <th style="width: 33%;">Column B</th> <th style="width: 33%;">Column C</th> </tr> </thead> <tbody> <tr> <td>John Seddon</td> <td>common heritage of mankind</td> <td style="text-align: center;">1958</td> </tr> <tr> <td>Amb. Arvid Pardo</td> <td>"Use it or lose it"</td> <td style="text-align: center;">1609</td> </tr> <tr> <td>Pres. Harry Truman</td> <td>Convention on the Continental Shelf</td> <td style="text-align: center;">1945</td> </tr> <tr> <td>PM Stephen Harper</td> <td>territorial sea</td> <td style="text-align: center;">1967</td> </tr> <tr> <td>Capt. James Cook</td> <td><i>Mare Librum</i></td> <td style="text-align: center;">1494</td> </tr> </tbody> </table>	Column A	Column B	Column C	John Seddon	common heritage of mankind	1958	Amb. Arvid Pardo	"Use it or lose it"	1609	Pres. Harry Truman	Convention on the Continental Shelf	1945	PM Stephen Harper	territorial sea	1967	Capt. James Cook	<i>Mare Librum</i>	1494	5	
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11	<p>Given the following physical situation, what is the maximum claimable extent of the juridical continental shelf under Article 76 of the UN Convention on the Law of the Sea:</p> <p>a) the 2500 m isobath is at 300 n.m. from the nearest territorial sea baseline,</p> <p>b) the foot of the slope is at 300 n.m from the nearest territorial sea baseline,</p> <p>c) the thickness of the sedimentary rock at 350 n.m. from the nearest territorial sea baseline is 900 m and at 300 n.m. it is 1540 m.</p>	10	
12	<p>A ship leaves Vancouver harbour, British Columbia, and proceeds west through Strait of Georgia and Juan de Fuca Strait and proceeds west to the Hawaiian Islands. Describe the various areas of Canadian jurisdiction that it must pass through enroute. Draw a sketch map showing the various areas.</p>	5	
13	<p>Canada submitted its claim for a continental shelf off Canada's Atlantic coast to the United Nations' Commission on the Limits of the Continental Shelf (CLCS) in December 2013. What Canadian federal government departments/agencies worked on the preparation of that submission and what expertise did each contribute?</p>	5	
14	<p>Select one of Canada's unresolved maritime boundaries; state (or illustrate) both countries' claims, what is at stake, and give a reasoned, reasonable, outcome of an arbitrated decision.</p>	10	
	Total Marks:	100	