

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

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

**October 2012**

**Notice to Candidates:**

**This examination is based on the e-Edition to the Manual of Instructions for the Survey of Canada Lands.**

This examination consists of 13 questions on 4 pages.

<u>Q. No</u>	<u>Time: 3 hours</u>	<u>Marks</u>	
		<u>Value</u>	<u>Earned</u>
1.	What are additions to Reserve?	5	
2.	Define comprehensive land claims.	5	
3.	Who owns mineral rights in National Parks?	5	
4.	What is the duty to consult and the honour of the Crown as it pertains to Aboriginal Rights and how do they relate to each other?	15	
5.	What legislation is in place to protect the land and resources and ensure compliance with land use plans and address environmental concerns in Nunavut?	15	
6.	How is land use activity managed in National Parks?	5	
7.	Describe the changes to the breadth of the territorial sea from the standards circa World War 2, through the three conferences on the law of the sea, to the present standard.	5	
8.	A ship departs from the harbour of Quebec City, proceeds through the Gulf of St. Lawrence, passes 10 n.m. south of Newfoundland and St. Pierre and Miquelon and crosses the Atlantic Ocean to Europe. List in sequential order the various maritime areas that it passes through between Quebec City and mid-Atlantic. The attached map might be of assistance.	5	
9.	How did three of the following items cause development of the Law of the Sea: a) <i>Mare Librum</i> written by Hugo de Groot (Grotius) b) Cannon Shot Rule c) Truman Proclamation d) “common heritage of mankind” proposed by Ambassador Pardo	5	
10.	Explain the difference between the following pairs: a) Contiguous Zone and Exclusive Economic Zone b) Thalweg and Equidistance Line in a river situation c) Normal and straight territorial sea baselines d) Rock Awash and Low Tide Elevation e) Bilateral agreement and an international convention	10	

11.	“In Canada, the federal government has exclusive jurisdiction over the territorial seas and the resources of the Canadian continental shelf.” Do you agree with this statement? Give reasons for your answer.	5	
12.	According to Article 76 of the United Nations Convention on the Law of the Sea (1982), the outer limit of the juridical continental shelf is to be determined by parameters relevant to the Territorial Sea baselines, the geological shelf, slope and rise, bathymetry, and the thickness of the sedimentary rocks. Draw as many profiles as necessary of the ocean floor seaward from the shore that utilize <u>each</u> of the conditions for the maximum claim to the juridical continental shelf. Each profile must prove that the other conditions do not control the outer limit. Your profiles must be drawn to scale (with vertical exaggeration, please) <u>or</u> labeled with depths and distances at all appropriate points.	10	
13.	What role, if any, do the following government bodies have in determining and/or managing Canada Lands offshore? a) Dept. of Foreign Affairs b) Royal Canadian Mounted Police c) Canadian Hydrographic Service d) Canadian Coast Guard e) Dept. Fisheries & Oceans (other than CHS & CCG) f) Surveyor General’s Office, Dept. Natural Resources, Canada g) Geological Survey of Canada, Natural Resources of Canada h) Dept. of National Defense i) Dept. of Justice j) Dept. Indian and Northern Development	10	
	<b>Total Marks:</b>	100	

Map for Question #8.



