

**CANADIAN BOARD OF EXAMINERS FOR PROFESSIONAL SURVEYORS**

**C8 – CADASTRAL STUDIES**

**March 2019**

**Note: This examination consists of 10 questions on 2 pages.**

**Marks**

**Q. No**

**Time: 3 hours**

**Value   Earned**

1.	Define the following terms (1–2 sentences each): a) customary tenure b) fee simple estate c) joint tenancy d) easement e) witness monument f) airspace parcel g) falsa demonstratio non nocet h) consolidation i) multipurpose cadastre j) boundary retracement survey	10	
2.	Define the concept of real property. How can this concept be applied to prevent or resolve conflict related to land, and to promote economic development?	10	
3.	There is an apparent conflict between the indefeasibility of title provided by a title registration system, and the recognition of possessory rights e.g. through adverse possession. How can this apparent conflict be addressed when a title registration system is implemented?	10	
4.	Using coordinates as the primary evidence of boundary corners has occasionally been proposed, and is appealing in the modern age of widespread GNSS usage. What would be required to implement such a change, and how would it impact the practice of land surveying?	10	
5.	What are the effects of avulsion, erosion, and subsidence on boundaries of parcels adjacent to watercourses? What additional complications might arise when these occur in coastal areas?	10	
6.	Compare and contrast the Bornage process applied in Québec to methods of boundary dispute resolution applied elsewhere in Canada.	10	
7.	Briefly describe two different systems employed for original settlement in Canada. Explain how each system reflects the circumstances in which it was applied.	10	
8.	What is the presumptive offshore boundary between Provincial and Federal jurisdiction? Give two examples of how, according to Ballantyne, this presumption is “honoured more in the breach than the observance.”	10	

9.	What is the Cadastre 2014 initiative, and how might it be applied in reform of cadastral systems in Canada?	10	
10.	Explain the impact of the Hamlet of Baker Lake and Delgamuukw cases on recognition of Aboriginal Title in Canada.	10	
	<b>Total Marks:</b>	100	