

**CANADIAN BOARD OF EXAMINERS FOR PROFESSIONAL SURVEYORS**

**C8 – CADASTRAL STUDIES**

**October 2023**

**Note: This examination consists of 10 questions on one page.**

**Marks**

**Q. No**

Time: 3 hours

Value   Earned

1.	Provide your understanding of the following Cadastral Studies concepts: a) <i>Bona fide</i> purchaser b) Joint tenancy c) Encumbrance d) Eminent domain e) Standard of care f) Colour of title g) Witness monument h) Treaty rights i) Land Surveyors Commission j) Railway Belt grid	10	
2.	Explain what a metes and bounds description is and what is the purpose of a metes and bounds description. Discuss the benefits of having parcel descriptions referred to a registered plan as opposed to using a metes and bounds description.	10	
3.	Discuss the role of the land surveyor in the subdivision process and the transfer of land after the subdivision is completed.	10	
4.	Define what a “Survey System” is and explain the purpose of a survey system. What are the essential components of a survey system?	10	
5.	Discuss the concept of Aboriginal title and other Aboriginal rights to land in Canada. There are several court cases that have led to the development of Aboriginal rights and Aboriginal title as it is today. Briefly describe one of the court cases that has had an impact on the recognition of Aboriginal title in Canada.	10	
6.	Explain the maritime zones identified under the United Nation Convention on the Law of the Sea (UNCLOS) and the Oceans Act.	10	
7.	Using coordinates as the primary evidence of boundary corners has been proposed recently 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	
8.	Compare and contrast a “deeds registration” system and a “title registration” system in Canada.	10	
9.	Provide your understanding of the Doctrine of Estoppel. What are the four criteria that must be satisfied under a claim of estoppel?	10	
10.	Provide your understanding of natural boundaries. Discuss how natural boundaries are created and eliminated. Describe how these changes in natural boundaries can complicate land ownership and title to land.	10	
<b>Total Marks:</b>		<b>100</b>	