

Wk 6- Canadian Biomes

Name: _____

****Read pages 88-93 and then answer the following questions****

1. Identify the abiotic and biotic factors of the four Canadian biomes: tundra; boreal forest; temperate deciduous forest; and grassland

<i>Tundra</i>	
Abiotic Factors	Biotic Factors

<i>Boreal Forest</i>	
Abiotic Factors	Biotic Factors

<i>Temperate Deciduous</i>	
Abiotic Factors	Biotic Factors

<i>Grassland</i>	
Abiotic Factors	Biotic Factors

2. Define permafrost and explain its role in determining tundra vegetation.

*****Read pages 114-115 and then answer the following question*****

3. Distinguish between clear-cutting and selective-cutting.

****Read pages 126-127 and then answer the following questions****

4. Identify the abiotic and biotic factors in each zone of lakes and ponds (freshwater biome): littoral; limnetic; and profundal.

	Photosynthesis? (Y/N)	Water Depth (Shallow/Medium/Deep)	Plant Life & Other Organisms

****Read pages 146-147 and then answer the following question****

5. Compare the abiotic and biotic factors in each zone of a marine ecosystem: coastal, open ocean.

	Depth (Shallow, Deep)	Temperature (Coldest, Warmest)	Amount of Light (High, Low)	Diversity of Living Things (High, Low)
<i>Coastal</i>				
<i>Open Ocean</i>				

6. Differentiate between coastal and Pelagic zones in an ocean (include abiotic and biotic factors, such as water depth and examples of species).

7. Draw and label a sketch showing the three main zones of an ocean. Be sure to include plant life, animal life and light penetration levels. Use colour!