

1. **Answer:** D

Explanation: In the tropics, the prevailing winds are known as the Easterlies or the Trade Winds (known as *Amihan* and *Habagat* in the Philippines).

2. **Answer:** A

Explanation: Hadley cell is the atmospheric circulation cell located in the tropics. Ferrel and polar cells are also atmospheric circulation cells but they're located in temperate regions and either the north or south hemisphere, respectively.

3. **Answer:** C

Explanation: The [tilt of the earth's axis causes seasons as it revolves around the sun](#). For instance, the Northern Hemisphere experiences summer when the earth tilts toward the sun in June and so the Southern Hemisphere experiences winter as the area is tilted away from the sun (less heat in the south = cold).

4. **Answer:** A

Explanation: The tropics which lie between the Tropic of Cancer in the north and the Tropic of Capricorn in the south experience the greatest amount of sunlight and the least seasonal variation (hence why we in the Philippines only have dry and wet seasons).

5. **Answer:** D

Explanation: Ocean currents have profound effects on regional climates and can even explain the El Niño and La Niña phenomena and the distribution of aquatic organisms, like how upwelling areas in some peninsulas explain why Zamboanga have more sardines caught relative to other areas in the country.