Round: 1B

1. At which of the following latitudes would you find **highest, intermediate** and **lowest** values for surface water salinity in the Pacific Ocean? Briefly explain your reasoning. (9 pts)

    A. Equator (0º)

    B. 20º North

    C. 50º North

2. Give one (1) reason to explain why North Pacific surface waters have a lower salinity than North Atlantic surface waters. (3 pts)

3. What are two (2) separate implications of this difference in salinity with respect to effects on global ocean circulation? (8 pts)