EARTH SCIENCE 2018/2019

NAME:

1. If you measure equatorial ocean water temperature <u>at the surface</u> and <u>in the</u> <u>deep close to the bottom</u>, what do you observe? Why? (Hint: review Slides #1-2 of the class presentation.)

2. Does your observation change as you repeat the measurement within the <u>Arctic/Antarctic circle</u>? Why? (same hint)

- 3. What processes in the ocean can result in:
 - a. a local increase of salinity?

b. a local decrease of salinity?