

Student Name: _____ Student ID #: _____

ESS-5: THE ATMOSPHERE / QUIZ #3 (5/8/2008)

- __C_ 1) Stratocumulus clouds are considered: A) high clouds. B) clouds with extensive vertical development. C) low clouds. D) middle clouds.
- __A_ 2) Absolutely stable air: A) has a wet adiabatic lapse rate that is greater than the environmental lapse rate. B) will have a positive buoyancy. C) is typically warmer than its surroundings. D) needs a push to rise, but will continue rising once it starts moving.
- __B_ 3) High clouds: A) have a fairly large water content. B) are composed of ice crystals. C) include altostratus clouds. D) have a typical ceiling around 4500 meters.
- __A_ 4) Inversions: A) are characterized by an increase in temperature with altitude. B) are typically unstable. C) have no significant effect on fog formation.