

Meteorology Quiz (all classes)

2Lt Lazaruk

- 1) From a weather standpoint, what is (are) the most important component(s) of the atmosphere?
 - a) pressure systems
 - b) nitrogen
 - c) water vapor
 - d) the capacity for expansion

- 2) The cloud type usually associated with steady rain is
 - a) altostratus
 - b) altocumulus
 - c) stratocumulus
 - d) nimbostratus

- 3) Which clouds have the international family prefix "Cumulo"?
 - a) clouds with bases between the surface and 6,500 feet AGL
 - b) clouds with bases between 6,500 feet and 20,000 feet AGL
 - c) clouds with bases above 20,000 feet AGL
 - d) clouds of vertical development

- 4) Wind is caused by
 - a) the rotation of the Earth
 - b) friction between the air and the ground
 - c) horizontal pressure differences
 - d) the movement of fronts

- 5) In the northern hemisphere, the winds blow
 - a) clockwise around high and low pressure systems
 - b) counter-clockwise around high and low pressure systems
 - c) clockwise around a high pressure system and counter-clockwise around a low pressure system
 - d) counter-clockwise around a high pressure system and clockwise around a low pressure system

- 6) During a decent from 2,000 feet AGL to the surface, you will usually find that the wind
 - a) veers and increases
 - b) backs and increases
 - c) veers and decreases
 - d) backs and decreases

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- 7) The lapse rate is the rate of change of
- a) temperature with height
 - b) pressure with height
 - c) pressure in the horizontal
 - d) temperature in the horizontal
- 8) In the standard atmosphere, the temperature at 5,000 feet will be closest to
- a) 0C
 - b) 5C
 - c) 8C
 - d) 10C
- 9) A METAR describes the weather
- a) expected at a station at a given time
 - b) expected at a station over a 12-hour period
 - c) observed at a station at a given time
 - d) observed at a station over a 12-hour period
- 10) Cloud heights in Canadian Aerodrome Forecasts (TAF) are given in
- a) feet AGL
 - b) feet ASL
 - c) meters AGL
 - d) meters ASL
- 11) Regarding cloud amounts, the words “overcast” and “broken” mean respectively
- a) 7/8 to 8/8 and 5/8 to 8/8
 - b) 7/8 to 8/8 and 4/8 to 7/8
 - c) 8/8 and 4/8 to 7/8
 - d) 8/8 and 5/8 to 7/8