

You just received summary of Iowa's Environmental/ Land-Sediments-Soils background that will set the stage for our future discussions and summer workshop.

1 pt. each for the multiple choice

- ____ 1. The majority of our air is, except ____? ____.
A. Oxygen B. Carbon dioxide C. Water vapor D. Nitrogen
- ____ 2. The equator is predominately a center of ____? ____ pressure.
A. moderate B. low C. high
- ____ 3. Air under high pressure zones tends to move ____? ____.
A. clockwise B. counterclockwise C. up D. sideways
- ____ 4. This famous composer spent a summer in Iowa and wrote the #9 New World Symphony ____? ____.
A. Hyden B. Mozart C. Ives D. Dvorak
- ____ 5. Iowa's primary drainage divide lies in this 1/3 of the state.
A. eastern B. central C. western
- ____ 6. Iowa's most extensive aquifer system lies in this aged rock...
A. Cretaceous C. Mississippian
B. Cambrian/Ordovician D. Silurian-Devonian
- ____ 7. This 1/3 of Iowa often has the most difficult time obtaining groundwater ____? ____.
A. Northeast B. South C. Northwest

8. Use the following website, www.airnow.gov , to compare and contrast the air quality of your city/town Iowa and Bakersfield, California, then use <https://waqi.info/> to discover some of the Earth's most unhealthy air. Where are some hot spots with respect to poor air quality? What aspects about the air quality e.g. Islamabad, Pakistan make the air quality especially bad? (4)

10. Describe the factors that characterize a health/well-functioning stream. (4)

11. Summer is approaching, from our discussion should we be excited or worried about exploring our ponds, streams and rivers? (4)