Unit 2 Exam Review: The Four Spheres

*Atmosphere Troposphere Mesosphere Stratosphere Thermosphere Ozone Layer Air Pressure Elevation Silt Clay Sand Humus Compost Soil Horizons Loam Lithosphere*

The Atmosphere:

1) What were the first organisms to produce oxygen?

2) How has the atmosphere changed since early earth?

3) How is air pressure related to elevation?

The Lithosphere:

4) What are the 5 soil horizons?

5) What is humus?

6) How is sand different than silt?

7) Which is the smallest particle of soil?

*Biomes Reservoir Evaporation Transpiration Condensation Runoff Precipitation Sublimation Groundwater Infiltration*

The Biosphere:

8) What are the five major biomes in the biosphere?

The Hydrosphere:

9) Describe a process in the water cycle in which the hydrosphere interacts with the lithosphere.

10) Describe a process in the water cycle in which the hydrosphere interacts with the lithosphere.

Bonus:

Under what circumstances would the worms want to leave the bin?