Will/Grundy EMS System
Continuing Education – 2007
Pathophysiology– ALS/ILS

Answer each question completely.

1. Explain the five components in the structural hierarcy of the body.

2. List the seven major functions of cells.

3. What does ATP stand for? What does it do?

4. What is the chemical sign for bicarbonate?

5. Describe and draw a chemical picture of the buffer system of the body, as it relates to acid base balance. Be sure to use the appropriate chemical notations.

6. Describe signs and symptoms of cellular injury.

7. Describe the following conditions; Gout, Kidney stones, Crohn's Disease, Peptic Ulcers.

8. Define MODS.

9. Differentiate between the sympathetic nervous system and the parasympathetic nervous system.

10. Identify the location of Alpha 1 and Alpha 2 sympathetic receptors and describe the response of each.