

- 1) Know what the endocrine system and the nervous system are and understand the relationship between the two.
- 2) Know about the endocrine and reproductive systems and the relationship between the two.
- 3) What system is responsible for the transport of blood and plasma?
- 4) What two systems are responsible for providing cells with a constant supply of oxygen while removing carbon dioxide?
- 5) Which body system is responsible for protecting the body from pathogens? One of these also involves transporting blood and cells throughout the body.
- 6) Which systems work together to help a rabbit outrun a coyote?
- 7) What would a bodily function be if there was a relationship between the digestive and muscular systems?
- 8) Read the passage and answer the question.
- 9) What 4 **ELEMENTS** are most abundant in macromolecules? Make sure you know what an element is.
- 10) Make sure you know about the functions of protein and carbohydrates in the body.
- 11) Make sure you understand that the structure of a carbohydrate can differ because of its function.
- 12) Which molecule provides more **ENERGY**, lipids or carbohydrate?
- 13) What molecule typically contains both nitrogen and phosphate?
- 14) Make sure you know the structure of a protein and a polysaccharide and identify the difference between the two.
- 15) What does a fatty acid molecule look like?