

Skeletal, Muscular, and Nervous Systems Study Guide

- 1) What are the levels of body organization from least to most complex?
- 2) Which two systems provide support for the body?
- 3) Which three systems would cause your arm to move?
- 4) What is the function of the nervous system?

- 5) Which bone protects the brain?
- 6) How do the bones help maintain homeostasis?
- 7) What is the function of a ligament?
- 8) How many bones are in the adult human body?
- 9) How many bones make up the axial skeleton?
- 10) Which part of bone is less dense and porous?
- 11) What allows the bones to stay held together and supports their movement?
- 12) What is a ligament?
- 13) What is a tendon?
- 14) Which body system is responsible for receiving stimuli from the environment and coordinating the body's response to these stimuli?

- 15) What is the function of the skeletal system?
- 16) Where is bone marrow produced?
- 17) What is osteomalacia?
- 18) What is ALS/Lou Gehrig's Disease?

- 19) What structures carry messages to and from the brain?
- 20) What is the basic structural unit of the nervous system?
- 21) What is the difference between smooth, skeletal, and cardiac muscles?