

A. Structural Organization of the Human Body

Order the following structures from smallest (1) to largest (6):

- \_\_\_ Organism
- \_\_\_ Cell
- \_\_\_ Atom
- \_\_\_ Macromolecule
- \_\_\_ Organ
- \_\_\_ Organelle

B. Human Organ Systems and their Function

Match the following organ systems with their function

- 1. Respiratory system \_\_\_\_\_
- 2. Nervous system \_\_\_\_\_
- 3. Cardiovascular system \_\_\_\_\_
- 4. Digestive system \_\_\_\_\_
- 5. Integumentary system \_\_\_\_\_
- 6. Reproductive system \_\_\_\_\_
- 7. Skeletal system \_\_\_\_\_
- 8. Muscular system \_\_\_\_\_
- 9. Endocrine system \_\_\_\_\_
- 10. Lymphatic system \_\_\_\_\_
- 11. Urinary system \_\_\_\_\_

A. protects underlying tissues, helps regulate body temperature, senses changes, and synthesizes certain products.

B. supports, protects, provides frameworks, stores inorganic salts, and houses blood-forming tissues

C. consists of the muscles that provide body movement, posture, and body heat.

D. integrates incoming information from receptors and sends impulses to muscles and glands.

E. secrete hormones and integrate metabolic functions.

F. distributes oxygen, nutrients, and hormones throughout the body while removing wastes from the cells.

G. drains excess tissue fluid and includes cells of immunity.

H. receives, breaks down, and absorbs nutrients.

I. exchange  $O_2$  and  $CO_2$  between the blood and air.

J. removes wastes from the blood and helps to maintain water and electrolyte balance.

K. produces new organisms.