

TISSUES, ORGANS AND SYSTEMS

STUDENT BOOK Ch. 5, pp. 136–139

1. Place the following terms in ascending order according to size. The term on the left must be a part of the term on the right, etc.

Tissue	Organ	Organism	System	Cell
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_____ < _____ < _____
 _____ < _____ < _____

2. Match the type of tissue to two corresponding parts of the body.

Type of tissue	Part of body
a) Epithelial	1. Nose cartilage
b) Connective	2. Optic nerve
c) Nerve	3. Skin of the hand
d) Muscle	4. Smooth part of the stomach lining
	5. Outer wall of the kidneys
	6. Inside of the thigh bone
	7. Inside of the heart
	8. Inside of the brain

3. An organ such as the bladder is composed of different types of tissue. Match the type of tissue with its function.

Type of tissue	Function of tissue
a) Epithelial tissue	1. Tissue that allows transmission of messages
b) Connective tissue	2. Tissue responsible for movement
c) Nerve tissue	3. Tissue responsible for maintaining shape
d) Muscle tissue	4. Tissue that holds this organ together

TISSUES, ORGANS AND SYSTEMS (*continued*)

4. Identify the system described by each statement.

a) I am composed of organs specialized in protecting against microorganisms.

The _____ system

b) I am responsible for reproduction of the species.

The _____ system

c) I eject useless or harmful substances from the blood.

The _____ system

d) I permit the body to move.

The _____ system

e) When substances pass through me, I transform them into nutrients.

The _____ system

f) I coordinate all functions of the human organism by transmitting the required information.

The _____ system

g) I supply oxygen to the blood.

The _____ system

h) I help oxygen to reach cells and remove carbon dioxide.

The _____ system