

Objective 7

**Assignment Sheet 1 – Complete the Crossword
Puzzle of Terms (Objectives 1–6)**

Name _____

Date _____ Score _____

Evaluation Criteria	Rating
• Directions were followed	_____
• Terms were identified correctly	_____

Basic Skills



Reading

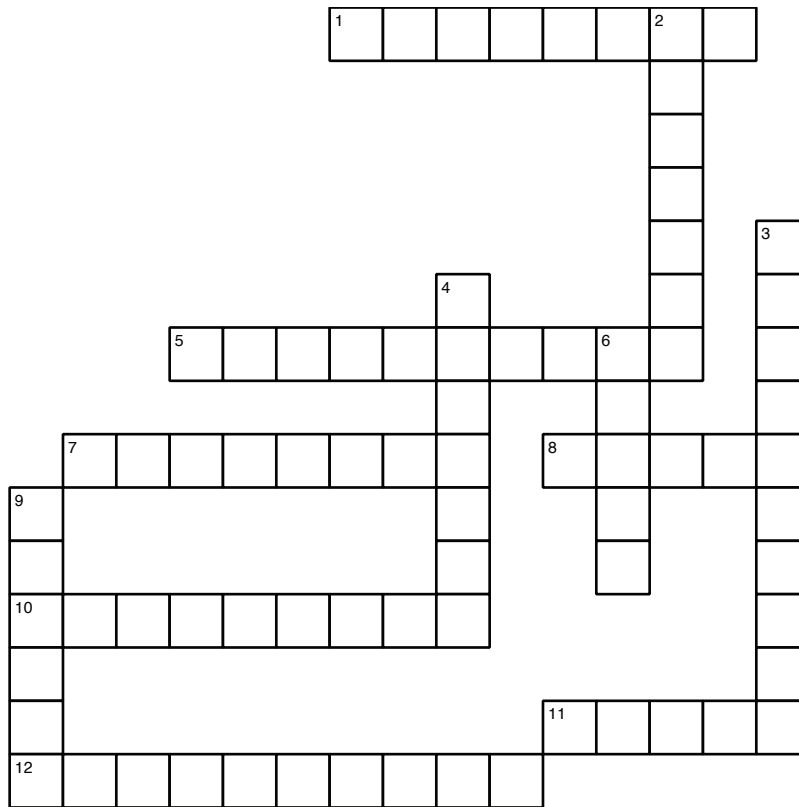


Science

Directions

Read the definition given for each term in the puzzle and write the term in the correct blocks to complete the crossword puzzle.

Assignment Sheet 1



Across

1. Of or pertaining to tears
5. The scientific study of the functions of an organism that describes how the organs work independently and in relation to the whole organism
7. A living person, animal, or plant
8. Resulting in death
10. A part of the body, such as the heart, a bone, a gland, a cell, or a limb
11. A special structure within the body that is arranged in an organized manner to perform a specific function
12. The processes that lead to chemical reaction in the body

Down

2. The scientific study of the structure of an organism that describes the size, shape, construction, and relative positions of the organs in the body
3. An organ that must function properly in order for the life of the organism to continue
4. A substance containing amino acid that originates in an organ or gland, moves through the blood to another part of the body, and stimulates activity in that region by chemical reaction
6. Any of the various structures within the body that produce specific chemicals to help with the functions of the body
9. A group of organs and related structures that work together to perform a common function

Objective 8

Assignment Sheet 2—Construct a Model of an Organ of the Human Body

Name _____

Date _____ Score _____

Evaluation Criteria	Rating
• Model reflects research findings related to size, shape, color, and structure	_____
• Presentation is clear and concise and includes how the organ works in relation to the whole human body	_____
• Teamwork demonstrated throughout completion of assignment	_____

Basic Skills



Reading



Writing



Mathematics



Science



Oral Communication



Interpersonal



Technology

Directions Part 1

Research an organ of the human body using resources available on the Internet or provided by your instructor. Work with another student and write your findings below. This information will help you in constructing your model and preparing your presentation about the selected organ.

Size _____

Shape _____

Color _____

Structure _____

Body Region _____

Explain functions of the organ. _____

Describe how the organ works in relation to the whole human body.

Assignment Sheet 2

Make a rough sketch below of the organ, noting any structural features that should be included on the model.

**Directions
Part 2**

Construct a life-size model of the body organ selected using the findings collected through your research.

**Directions
Part 3**

Present findings about the organ to class members using your model as a visual aid. Point out the exact location of the organ in the human body and explain the relationship of the organ to other organs and body systems.

Objective 9

Assignment Sheet 3—Analyze a Cosmetology Scenario

Name _____

Date _____ Score _____

Evaluation Criteria	Rating
• Analysis demonstrates comprehensive knowledge of the information presented in Information Sheet and student presentations (Assignment Sheet 2)	_____
• Answer clear and concise	_____
• Handwriting is neat and legible	_____

Basic Skills



Directions

Read the following scenario, then answer the questions that follow.

Mr. Price comes into the salon for the first time in three months. You observe discolorations on the face, neck and hands, major weight loss, and a change in his behavior indicating stress. He states that his metabolism has been out of sorts and he has lost 40 pounds over the last three months and that he has been "stressed out."

1. Which body system may be involved in the changes to Mr. Price's body?

2. Is it possible for you to provide cosmetology services for Mr. Price in his present condition?

3. What recommendation would you make to Mr. Price? _____

Objective 10

Assignment Sheet 4—Complete Module 1 Review

Name _____

Date _____ Score _____

Evaluation Criteria	Rating
• Directions were followed	_____
• Answers demonstrated comprehensive knowledge of the information presented in the Information Sheet	_____

Basic Skills



Directions

Read each of the items below. From the choices given, select the response that most-correctly provides the required information. Circle the letter of the most-correct response.

Objective 4

1. Which of the following is NOT a function of the digestive system?
 - a. receives food substances
 - b. breaks down and absorbs food substances
 - c. circulates digested nutrients to other parts of the body
 - d. excretes waste products

Objective 5

2. The skin, hair, nails, and duct glands are part of what organ system?
 - a. endocrine system
 - b. special sense system
 - c. specialized sensation system
 - d. integumentary system

Objective 5

3. The reproductive system includes which of the following?
 - a. sex organs and ducts to the outside
 - b. sex organs and the alimentary canal
 - c. ducted and ductless glands
 - d. glands and the urinary system

Objective 1

4. Physiology is the scientific study of the _____ of an organism.
 - a. functions
 - b. structure
 - c. purpose
 - d. offspring

Assignment Sheet 4

- | | |
|-------------|---|
| Objective 2 | 5. Which of the following is NOT one of the general regions of the body?
a. head
b. trunk
c. limbs
d. external peripherals |
| Objective 4 | 6. Which of the organ systems protects the organism from injury, disease, and infection and aids in the regulation of temperature, the excretion of wastes, and the reception of sensations?
a. endocrine system
b. immune system
c. urinary system
d. integumentary system |
| Objective 4 | 7. Which of the following is NOT an activity of the nervous system?
a. receives messages
b. receives sensations
c. interprets messages
d. conducts messages |
| Objective 5 | 8. The kidneys, ureter, bladder, and urethra are part of which organ system?
a. urinary system
b. reproductive system
c. digestive system
d. endocrine system |
| Objective 1 | 9. Anatomy is the scientific study of the _____ of an organism.
a. functions
b. structure
c. purpose
d. offspring |
| Objective 4 | 10. Which of the major organ systems provides for body movement and support?
a. skeletal system
b. muscular system
c. integumentary system
d. reproductive system |

Assignment Sheet 4

Objective 4	11. Which organ system serves to regulate various body functions through glands that secrete hormones directly into the blood to slow down or increase the activity of the cells? a. endocrine system b. gland system c. secretion system d. hormone system
Objective 5	12. Which of the following is NOT part of the skeletal system? a. joints b. cartilage c. skeletal muscles d. connective tissue
Objective 5	13. What type of glands are found in the endocrine system? a. salivary b. ducted c. ductless d. sebaceous
Objective 4	14. What is the term for the organ system that functions in receiving special sensations such as sight, smell, hearing, and taste? a. special sensations system b. special senses system c. circulatory system d. specialized nervous system
Objective 4	15. Which of the following phrases best describes the function of the respiratory system? a. takes in oxygen from the air and gives off carbon dioxide, which is produced by cell metabolism b. takes in carbon dioxide from the air and gives off oxygen that is produced by cell metabolism c. transports materials throughout the body by carrying oxygen and nutrients in the blood to all the cells of the body and carrying away the waste products of the cells d. transports materials throughout the body by carrying carbon dioxide and nutrients in the blood to all the cells of the body and carrying away the waste products of the cells
Objective 5	16. Which of the following is NOT part of the respiratory system? a. nose b. pharynx c. trachea d. esophagus

Assignment Sheet 4

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|-------------|--|
| Objective 5 | 17. Which of the following is NOT an organ or structure in the muscular system?

a. smooth muscles
b. cardiac muscles
c. skeletal muscles
d. digestive muscles |
| Objective 5 | 18. The heart, blood vessels, blood, and lymphatic tissues are part of which organ system?

a. reproductive system
b. circulatory system
c. integumentary system
d. muscular system |
| Objective 3 | 19. Which of the following is the correct sequence of body structures from simplest to most complex?

a. cell, tissue, organ, organ system, organism
b. tissue, cell, organ, organ system, organism
c. cell, organ, organ system, tissue, organism
d. cell, tissue, organ system, organ, organism |
| Objective 6 | 20. Which of the following is NOT a physiological characteristic affected by hormones?

a. rate of metabolism and metabolism of specific substances such as carbohydrates and calcium
b. growth and development processes
c. secretion of other hormones
d. development of basic instincts |