

UNIVERSITY A-MIRA OF BEJAIA

TCE III EXAM

LEVEL: 2<sup>ND</sup> YEAR

DURATION: 02 HOURS

Name: .....

Section: .....

Group:.....

**Activity One:** Fill in the gaps with the relevant words. (5 pts)

(*Mushrooms, produced, radiant, absorbed, chlorophyll, released, sugar, green plants, derived, chemical*).

In photosynthesis process, .....convert the ..... energy from the sun into ..... energy. This starts a complex series of reactions. H<sub>2</sub>O is..... from the soil; CO<sub>2</sub> is..... from the air; O<sub>2</sub> is..... from the plant, and ..... and other foods are..... during photosynthesis.

..... are not green plants. They do not contain ....., and hence they cannot photosynthesize as they don't have this substance necessary for photosynthesis.

**Activity Two:** Are the following statements **True (T)** or **False (F)**. (5 pts)

1. Following a balanced diet is crucial to stay healthy. (.....)
2. Smoking is harmless for humans' health. (.....)
3. Smoking causes liver cancer. (.....)
4. The heart is the organ that controls feelings and emotions. (.....)
5. Teeth are a part of the digestive system. (.....)
6. When writing names in English, we start by the last name then the first name. (.....)
7. As French language, the last name in English is fully capitalized. (.....)
8. In scientific research, the abstract is written before doing the experiment. (.....)
9. In nowadays, research bibliography is done only in libraries. (.....)
10. Wikipedia is a trustworthy source of information. (.....)

**Activity Three:** Complete the following dialogue with the appropriate **human body system** (5pts)

**A:** What body system helps humans breathe?

**B:** It is the ..... system.

**A:** Can you think of two body systems that work together?

**B:** Yes, we have the ..... system, and the ..... system.

**A:** What is the body's defense system against diseases and infections?

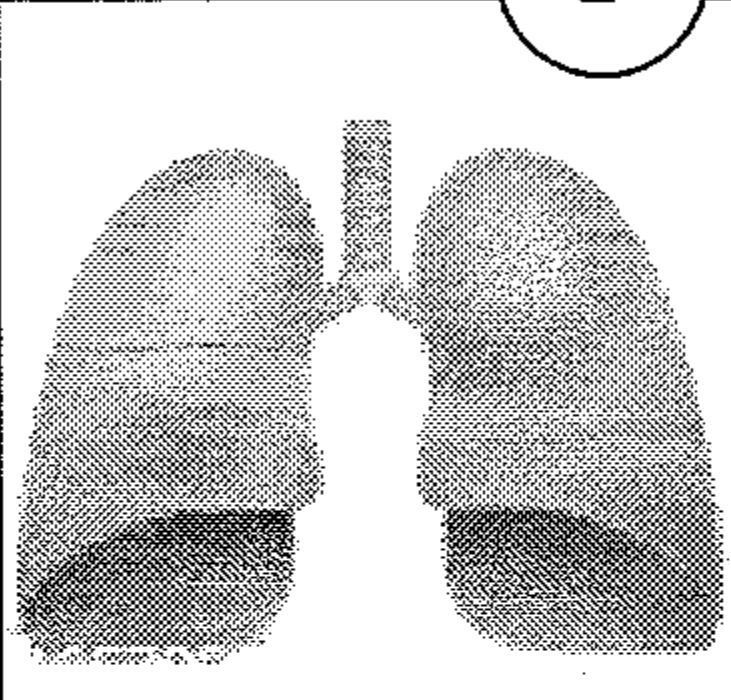
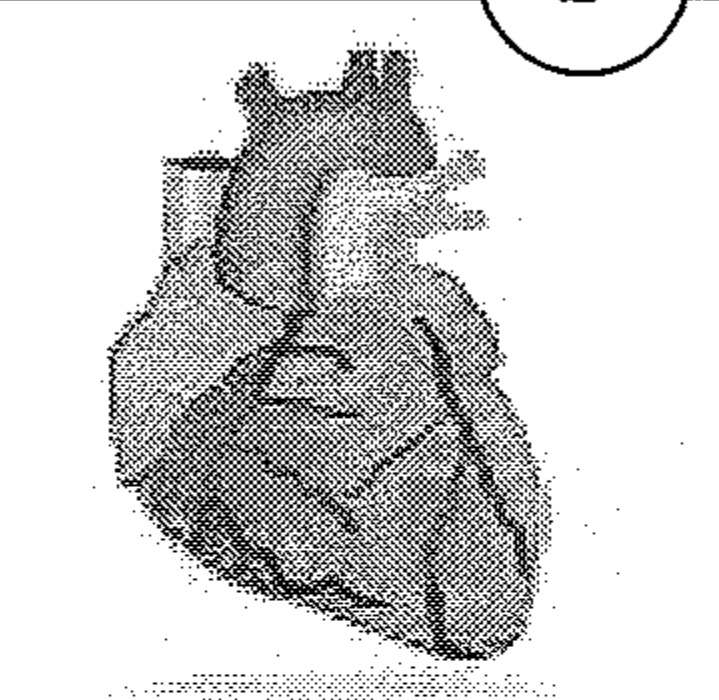
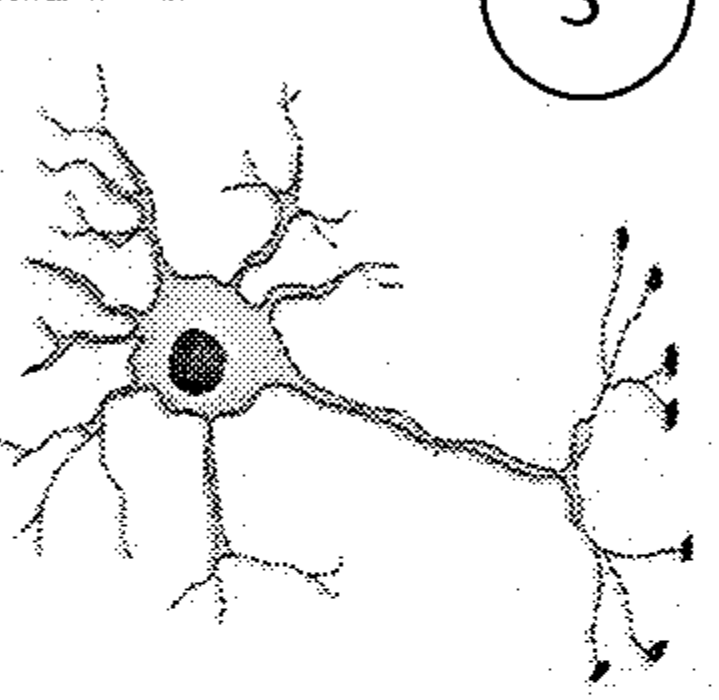
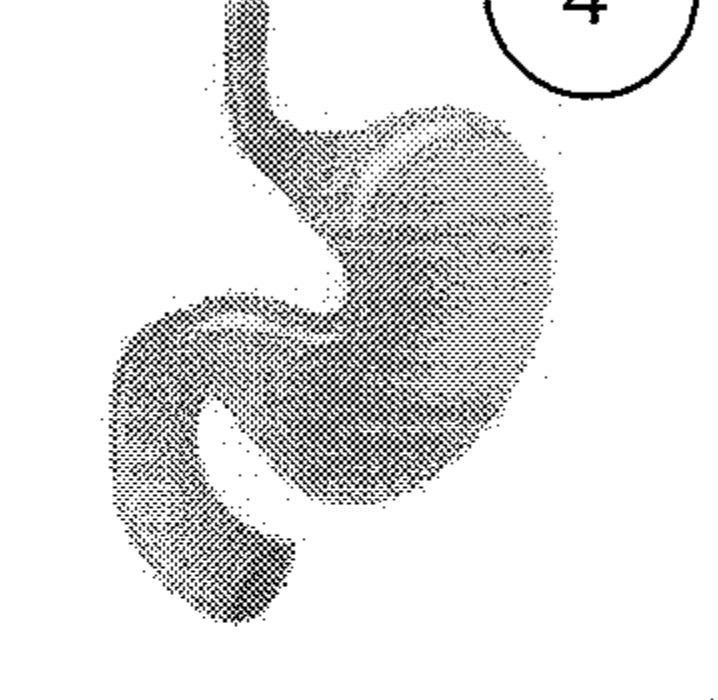
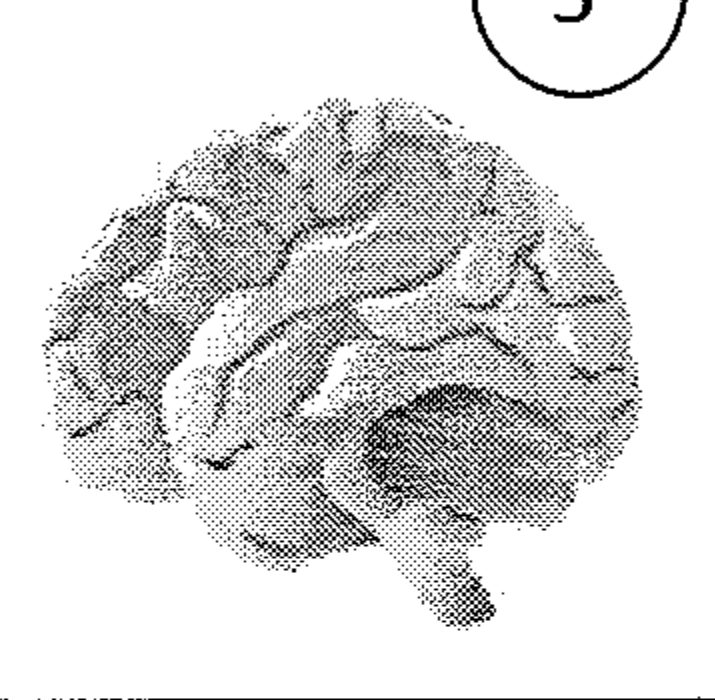
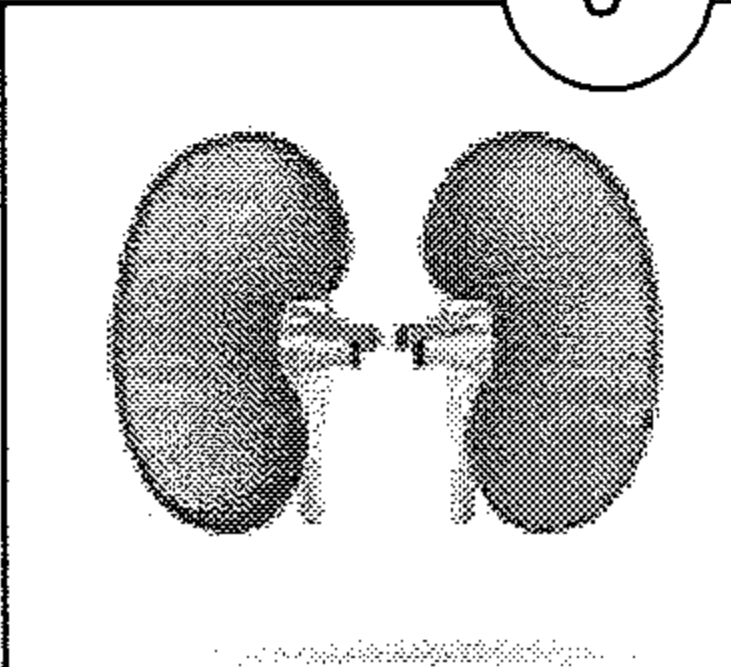
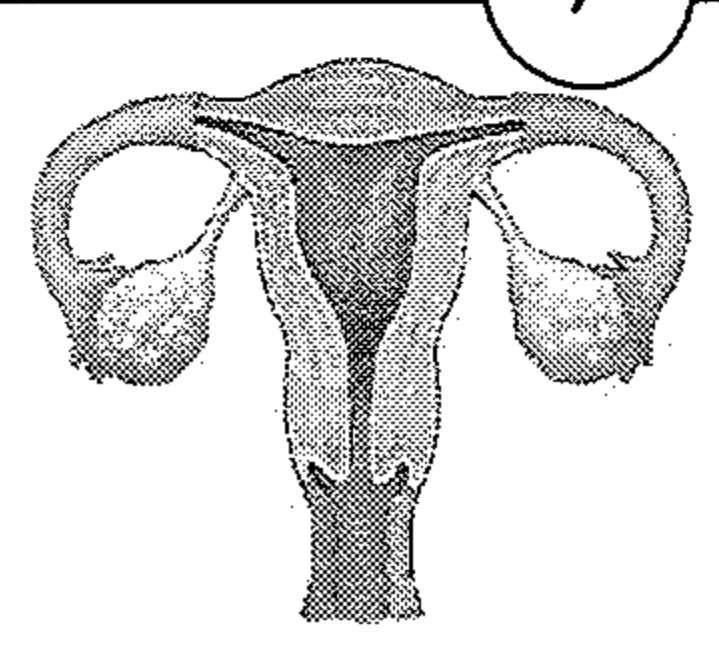
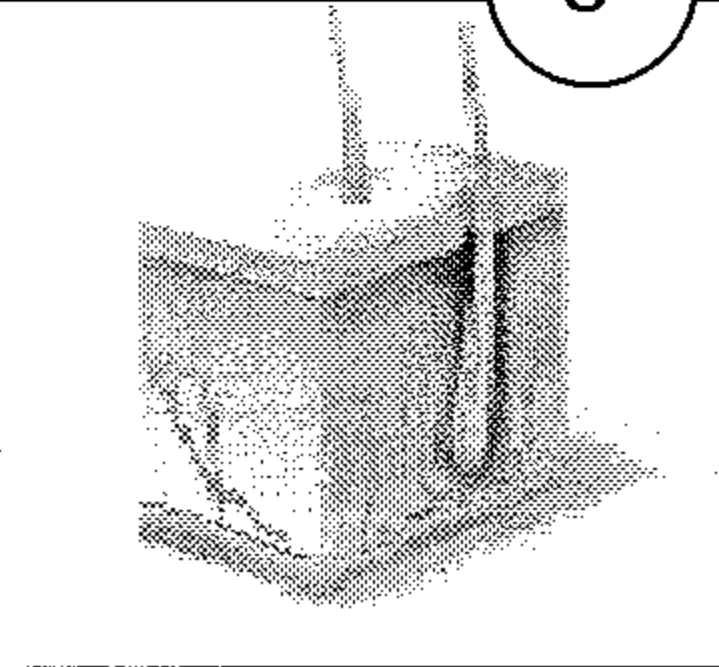
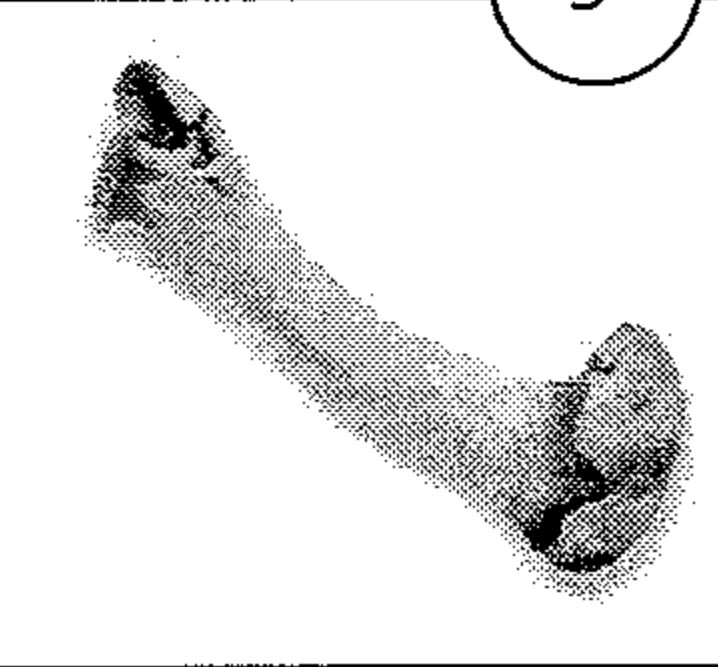
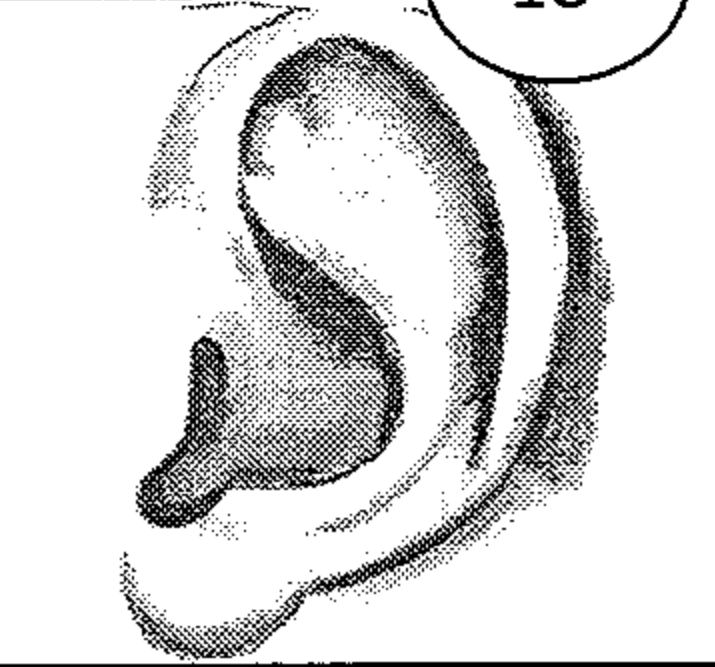
**B:** It is the ..... system.

**A:** The skin, the hair and the nails are all parts of which system?

**B:** It is called the ..... system.

**Activity Four:** Use the following clues to find the names of the following organs. (5 pts)

1. The primary organ of respiration in humans.
2. The organ that pumps blood throughout the body via the circulatory system.
3. The smallest living part of the human body.
4. The organ of the digestive system that receives food.
5. The organ that controls thoughts and actions.
6. Their function is to remove waste products from the body.
7. The female organ in which the baby grows during pregnancy.
8. A part of the integumentary system and the body's largest organ. The body's first defense against bacteria.
9. A rigid organ that constitutes a part of the skeleton.
10. It is needed to hear the different external sounds.

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
				
.....	.....	.....	.....	.....
<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
				
.....	.....	.....	.....	.....

**Best of Luck**

UNIVERSITY A-MIRA OF BEJAIA

TCE III EXAM

LEVEL: 2<sup>ND</sup> YEAR

DURATION: 90 Minutes

Correction

**Activity One:** Fill in the gaps with the relevant words. (5 pts)

(*Mushrooms, produced, radiant, absorbed, chlorophyll, released, sugar, green plants, derived, chemical*).

In photosynthesis process, green plants convert the radiant energy from the sun into chemical energy. This starts a complex series of reactions. H<sub>2</sub>O is absorbed from the soil; CO<sub>2</sub> is derived from the air; O<sub>2</sub> is released from the plant, and sugar and other foods are produced during photosynthesis.

Mushrooms are not green plants. They do not contain chlorophyll, and hence they cannot photosynthesize as they don't have this substance necessary for photosynthesis.

**Activity Two:** Are the following statements True (T) or False (F). (5 pts)

1. Following a balanced diet is crucial to stay healthy. (T)
2. Smoking is harmless for humans' health. (F)
3. Smoking causes liver cancer. (F)
4. The heart is the organ that controls feelings and emotions. (F)
5. Teeth are a part of the digestive system. (F)
6. When writing names in English, we start by the last name then the first name. (F)
7. As French language, the last name in English is fully capitalized. (F)
8. In scientific research, the abstract is written before doing the experiment. (F)
9. In nowadays, research bibliography is done only in libraries. (F)
10. Wikipedia is a trustworthy source of information. (F)

**Activity Three:** Complete the following dialogue with the appropriate human body system (5pts)

A: What body system helps humans breathe?

B: It is the respiratory system.

A: Can you think of two body systems that work together?

B: Yes, we have the digestive system, and the circulatory system. (Example)

A: What is the body's defense system against diseases and infections?

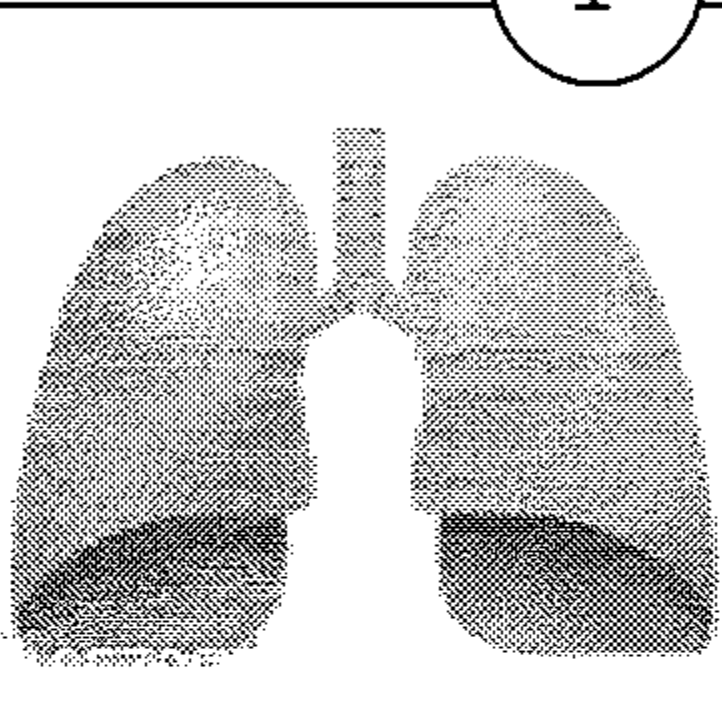
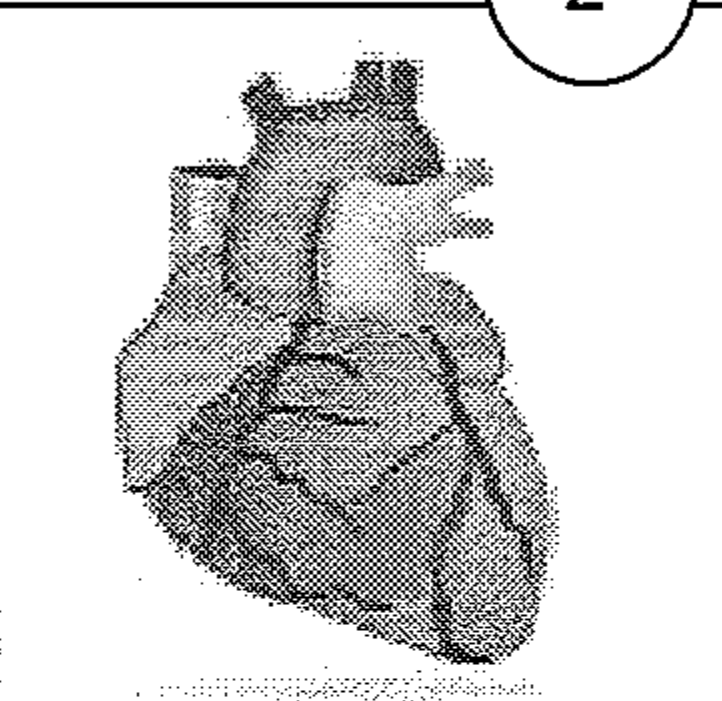
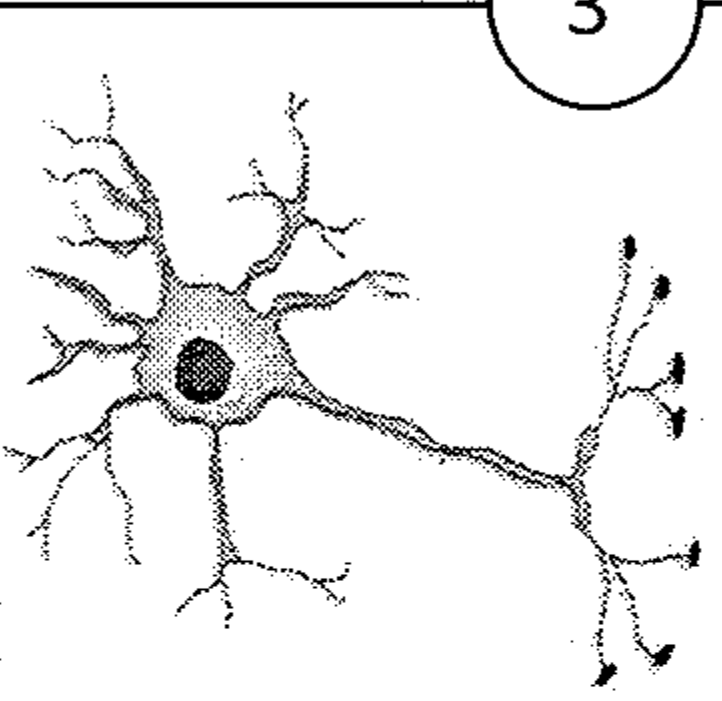
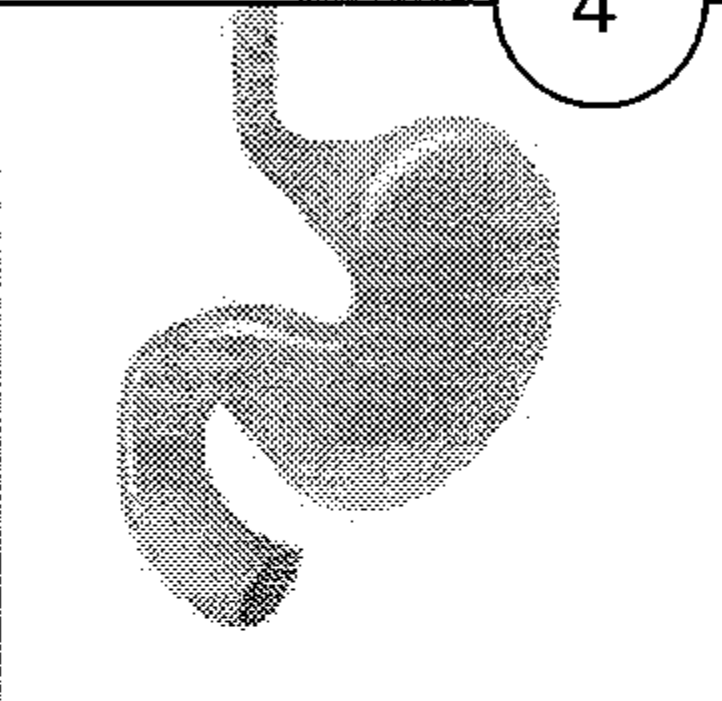

B: It is the immune system.

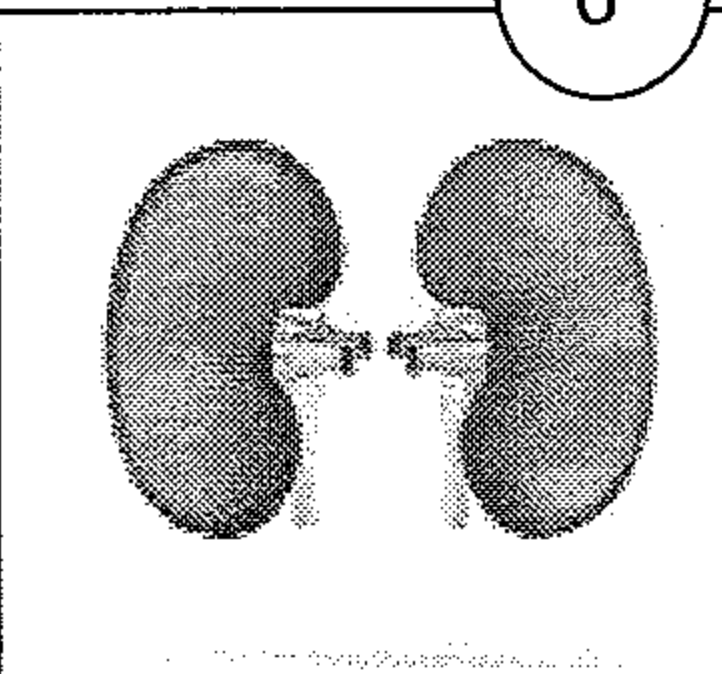
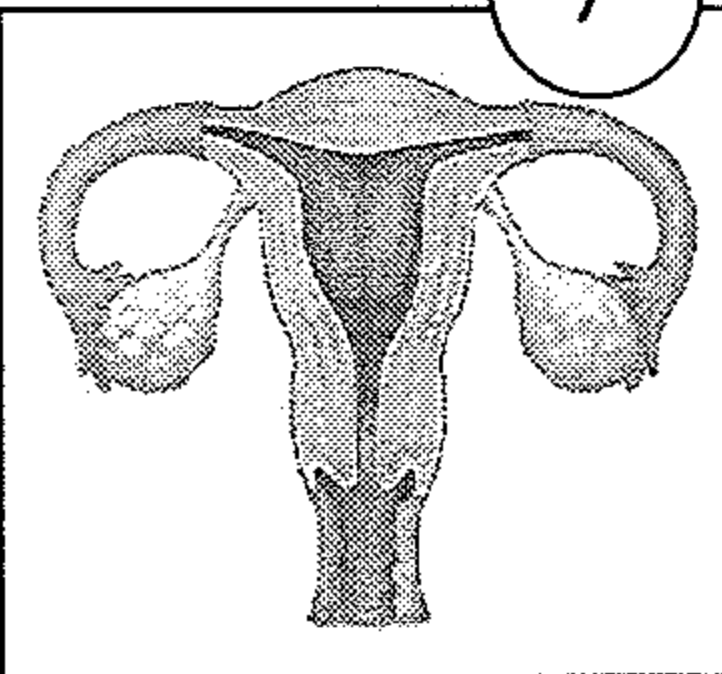
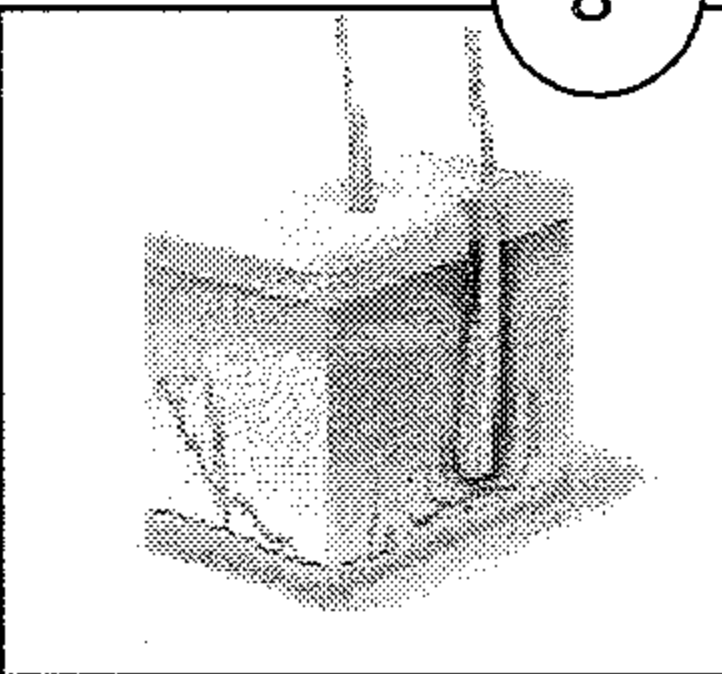
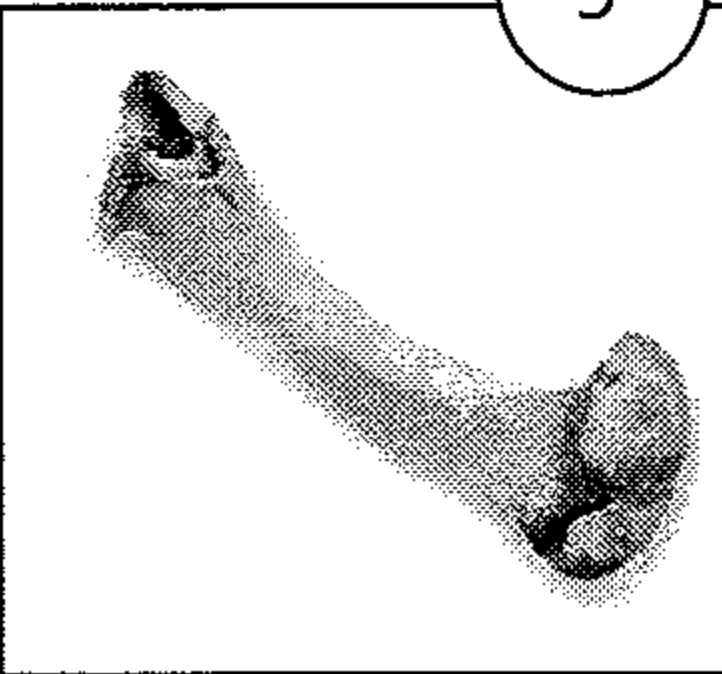
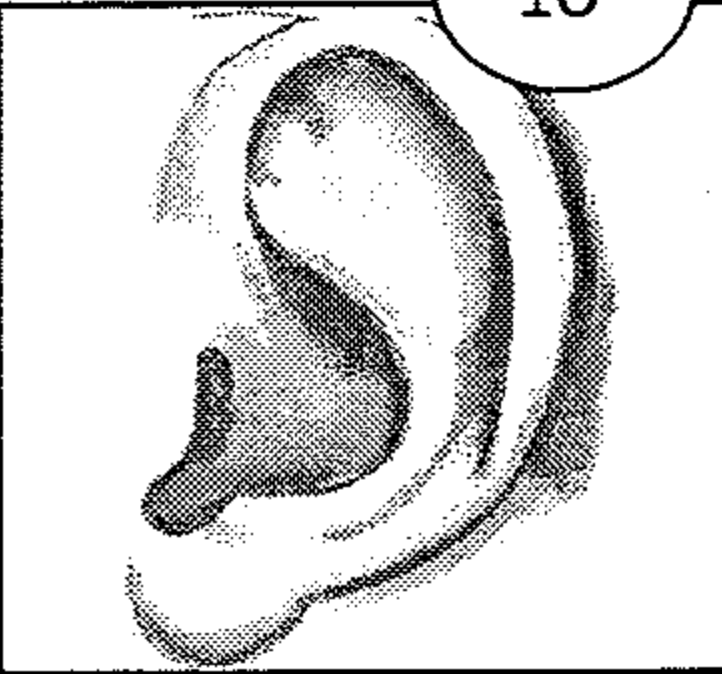
A: The skin, the hair and the nails are all parts of which system?

B: It is called the integumentary system.

**Activity Four:** Use the following clues to find the names of the following organs. (5 pts)

1. The primary organ of respiration in humans.
2. The organ that pumps blood throughout the body via the circulatory system.
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8. A part of the integumentary system and the body's largest organ. The body's first defense against bacteria.
9. A rigid organ that constitutes a part of the skeleton.
10. It is needed to hear the different external sounds.

1	2	3	4	5
				
Lungs	Heart	Cell (Neuron, nervous cell)	Stomach	Brain

6	7	8	9	10
				
Kidneys	Uterus (womb)	Skin	Bone	Ear

**N.B: Spelling mistakes are taken into account.**

*Best of Luck*