

Кредит 4. Системи організму людини

Тема 7

6 годин

Лексична тема: Серцево-судинна система. The Circulatory System

Граматична тема: Прийменник. Прийменники місця, часу, напрямку.

Ex 1. P.14 Reading

Read the text and translate it in the written form. Copy out and learn all the unknown words.

The circulatory system

The circulatory system pumps nutrients and oxygen around the body. Blood lacking oxygen enters the right atrium of the heart through the vena cava. The heart pumps this blood through a valve and into the right ventricle. It travels through pulmonary arteries to the lungs and receives oxygen. It travels back to the heart through pulmonary veins.

The heart pumps the blood out through the aorta. It flows through capillaries in the body and delivers oxygen. The blood travels back through veins and the cycle repeats. But sometimes disruptions in the cycle occur. The heart may not pump blood effectively. This is called an arrhythmia.

Ex 2. P.14 Reading

Read the poster in a medical office about the circulatory system. Then, fill in the blanks with the correct words from the word bank.

Word bank

aorta	lungs	circulatory	oxygen	atrium
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The human 1 _____ system delivers nutrients to parts of the body. Blood enters the heart's right 2 _____. It travels to the right ventricle. And then into the 3 _____ through pulmonary arteries. It receives oxygen and travels back to the heart. The heart pumps the blood out through the 4 _____. The blood delivers 5 _____ to the body.

Ex 3. P.14 Vocabulary

Match the words (1-7) with the definitions (A-G)

- 1 _____ vena cava
- 2 _____ atrium
- 3 _____ valve
- 4 _____ pulmonary

- 5 ____ artery
6 ____ capillary
7 ____ ventricle

A a small tube that lets blood and tissue exchange nutrients
B one of the two upper chambers of the heart
C one of the two major veins that carries blood to the heart
D relating to the lungs
E a tube that carries blood from the heart to the body
F a structure in the heart that opens and closes
G a space in the heart that holds blood

Ex 4. P.15 Vocabulary

Check (+) the sentence that uses the underlined part correctly.

- 1 **A.** Your heart pumps blood and keeps you alive.
 B. A capillary is a structure that opens and closes.
- 2 **A.** Your veins carry blood back to the heart.
 B. An atrium is a tube in your lungs.
- 3 **A.** The aorta sends blood from the heart to the rest of the body.
 B. Your arteries carry blood back to the heart from the body.
- 4 **A.** The vena cava lets blood and tissue exchange nutrients.
 B. An arrhythmia can make your heart beat abnormally.

Ex 4. Vocabulary

Look at the diagram and complete the descriptions with the words below. Copy out and learn all the unknown words.

1.	2.	3.	4.	5.	6.
7.	8.	9.	10.	11.	12.

Body bits

The heart

Look at the diagram and complete the descriptions with the words below.

pump
leaves
valve
enters
artery
flows
atrium
fills
aorta
opens
closing
beat

Blood without oxygen comes into the right side of the heart. It _____¹ the right atrium. Then the tricuspid valve _____² and the blood goes into the right ventricle. Then the pulmonary _____³ opens and the blood _____⁴ through the pulmonary _____⁵.

Blood carrying oxygen comes into the left side of the heart. The left _____⁶ fills, the mitral valve opens and the blood _____⁷ into the left ventricle. The aortic valve opens and the blood leaves through the _____⁸.
When you listen to a heart _____⁹ you hear 'lub dub, lub dub'. This is the sound of the valves _____¹⁰.

