

A note to that teacher: These **Challenge Cards** are designed for students to discover the answers as they use the 'Virtuali-Tee' and app. Answers can be found on the Circulatory System Quiz.

Challenge 1

How many miles (or kilometers) of blood vessels are in the average human body?

- A. 10 miles (16 km)
- B. 100 miles (160 km)
- C. 6000 miles (9,656 km)
- D. 60000+ miles (96,560 km)

Challenge 2

Blood that enters the lungs to receive oxygen is known as...

- A. Deoxygenated blood
- B. Oxygenated blood
- C. Detoxified blood
- D. Retoxified blood

Challenge 3

Which of the following is in the correct order of blood flow:

- A. Vein, artery, arteriole, capillary
- B. Vein, arteriole, capillary, artery
- C. Artery, arteriole, capillary, vein
- D. Artery, capillary, vein, artery

Challenge 4

How often does the heart beat?

- A. Every time you blink
- B. 1 million times a day
- C. Every time you breathe in
- D. 100,000 times a day

Challenge 5

What is the name of the upper chambers of the heart?

- A. Ventricles
- B. Atria
- C. Valves
- D. Veins

Challenge 6

What stops the blood in your heart from flowing the wrong way?

- A. Gravity
- B. Pistons
- C. Valves
- D. Cogs

Challenge 7

What do red blood cells carry?

- A. Carbon dioxide to the lungs
- B. Nutrients to the muscles
- C. Instructions from the brain
- D. Oxygen around the body

Challenge 8

Which statement is correct?

- A. All blood that returns to the heart is deoxygenated
- B. Exchange of carbon dioxide to the lungs occurs in the bronchioles
- C. Blood flows away from your heart via arteries
- D. None of the above

Challenge 9

Which of the following carries waste away from tissues and organs?

- A. Platelets
- B. White blood cells
- C. Plasma
- D. Red blood cells

Challenge 10

The LUB-DUB sound that the heart makes is caused by:

- A. Flow of blood into the heart
- B. Push of blood out of the heart
- C. Closing of the valves
- D. Opening of the valves

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about the body



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