

# CIRCULATORY SYSTEM

1) Choose the correct option(s)

a- **What is the job of the human body's systemic circuit?**

- TO CARRY OXYGEN TO THE CELLS IN YOUR BODY AND RETURN DEOXYGENATED BLOOD TO THE HEART
- TO CARRY BLOOD TO THE CELLS SO CARBON DIOXIDE CAN BE RELEASED AND OXYGEN CAN BE PICKED UP
- TO CARRY DEOXYGENATED BLOOD TO THE LUNGS AND TAKE OXYGEN

b- **If a sample of blood is oxygenated, where is it likely to be found in the circulatory system of the human body?**

- AT THE BEGINNING OF THE PULMONARY CIRCUIT
- AT THE END OF THE PULMONARY CIRCUIT
- AT THE BEGINNING OF THE SYSTEMIC CIRCUIT
- AT THE END OF THE SYSTEMIC CIRCUIT

2) Complete each statement using a term from the list below

HEART – CIRCULATION – OXYGEN – VEINS – CAPILLARIES – ARTERIES – BLOOD VESSEL – WASTES – BLOOD – CARBON DIOXIDE

- a- The transport of materials in living things is called
- b- Blood picks up \_\_\_\_\_ from the cells.
- c- Any tube that carries blood is called a
- d- Blood is carried away from the heart to the organs through
- e- Blood is carried back to the heart through
- f- Oxygen, nutrients, and wastes are exchanged between the blood and the tissues in the

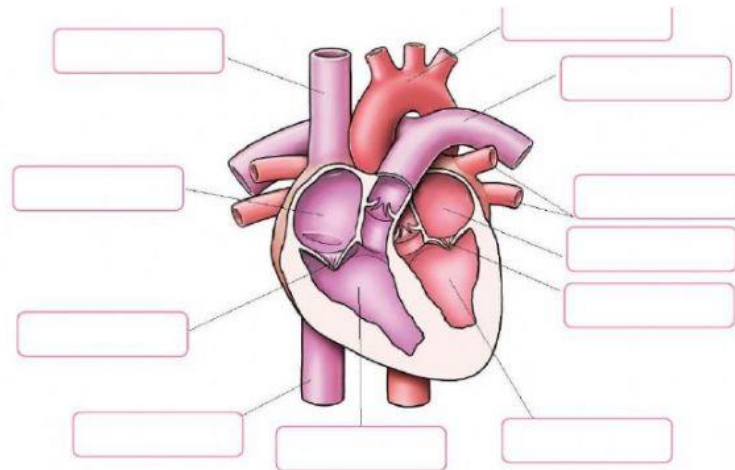
3) Answer these questions

- a- Is the blood in the right ventricle high in carbon dioxide?
- b- Can the body use that blood?
- c- Where does that blood go?
- d- Why does it go there?

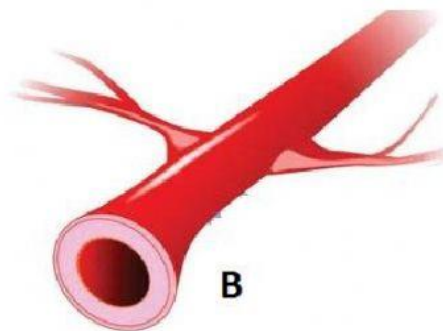
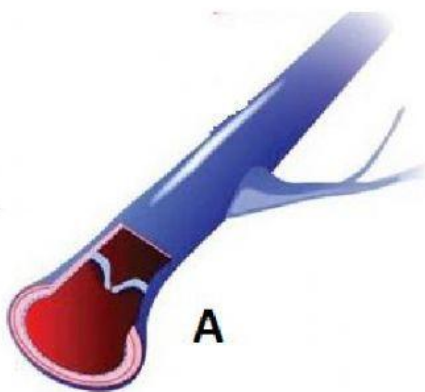
4) Complete the chart

| <i>Part of the circulatory system</i> | <i>Function</i>                                                          |
|---------------------------------------|--------------------------------------------------------------------------|
|                                       | Blood vessel that carries oxygenated blood to the heart                  |
|                                       | Blood vessel that takes oxygenated blood out of the heart                |
|                                       | Chamber that receives deoxygenated blood from the lower part of the body |
|                                       | Chamber that pumps deoxygenated blood out of the heart                   |

- 5) Label the diagram of the heart with these words: AORTA - RIGHT VENTRICLE - RIGHT ATRIUM - MITRAL VALVE - TRICUSPID VALVE - LEFT VENTRICLE - LEFT ATRIUM - SUPERIOR VENA CAVA - INFERIOR VENA CAVA - PULMONARY VEINS - PULMONARY ARTERY



- 6) Which picture is showing a vein? Justify your answer



You're doing your best!!

