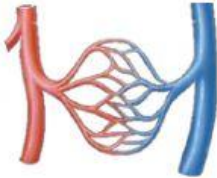


HUMAN CIRCULATORY SYSTEM SCIENCE GRADE 5

1. Name the organs circulatory below and match with their functions. (Review on Student Book page 105).



The organ that works as a **pump**. It has four chambers; on the upper side there are right and left atrium, on the lower side there are right and left ventricles.



The organ that transports blood from the heart to all parts of our body and returns to the heart. It consists of **arteries** and **veins**.



A **fluid with cells** that consist of plasma, red blood cells, white blood cells and platelets.

2. What is each characteristic below belongs to? Name with "Arteries" or "Veins" in the box. (Review on Student Book on 104-105).

- Colour : Red

- Colour : Blue

- Location : They can be seen under the skin

- Location : They are deep seated

- Function : Transport blood to the heart

- Function : Transport blood out to the heart

- Type of wall : Thin walls

- Type of wall : Thick walls

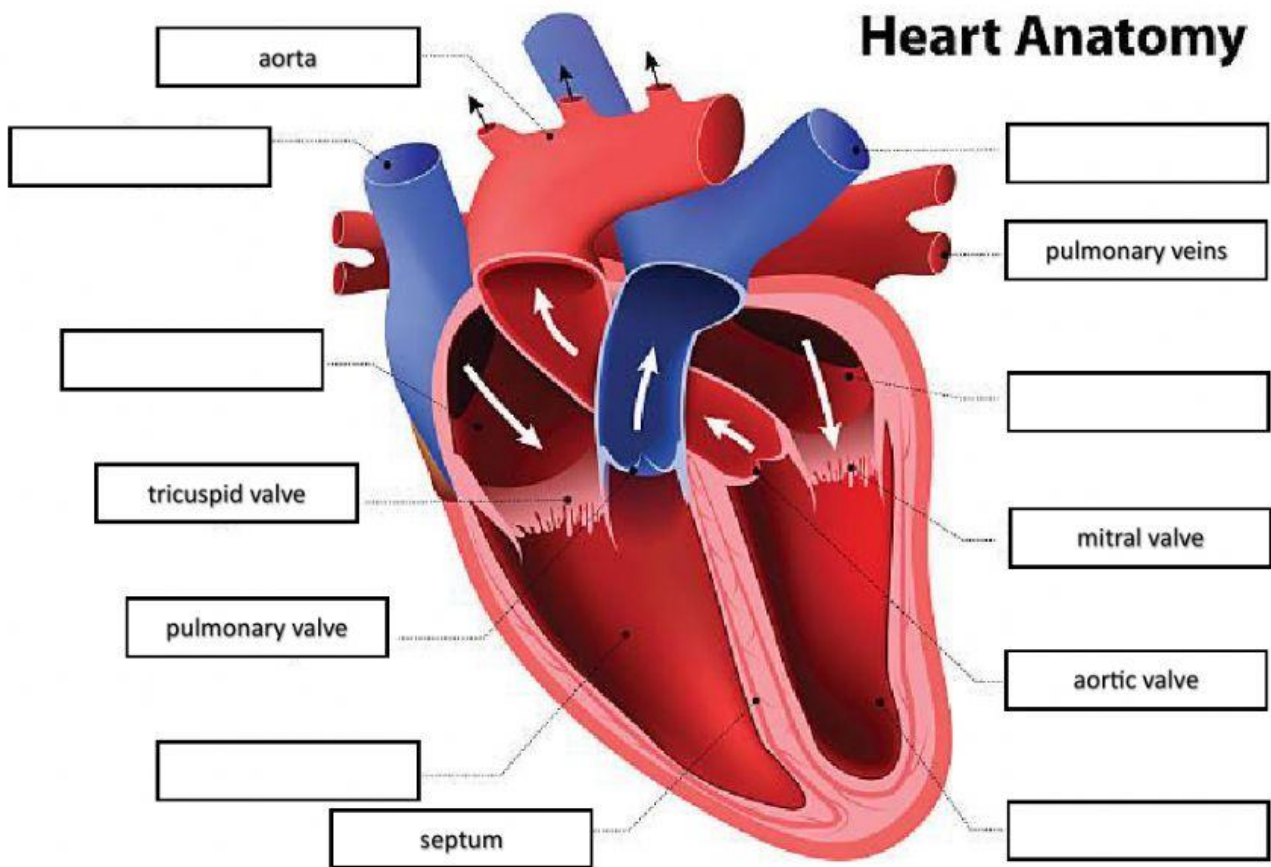
- Type of blood : Carry oxygenated blood

- Type of blood : Carry deoxygenated blood

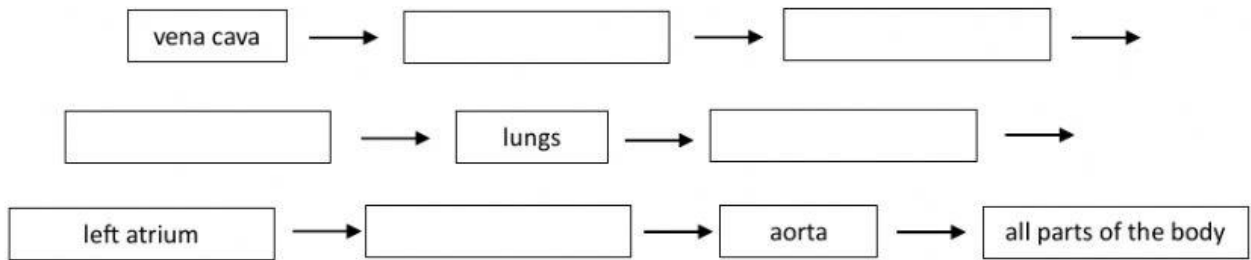
3. Fill in blank space below with correct blood component as their functions. (Review on Student Book page 110).

Blood component	Function
Red blood cells	Transports oxygen
.....	Protects the body against infectious diseases
.....	Helps blood to clot
.....	Transports nutrients

4. Name the parts of human heart below. (Review on student book page 106).



5. Complete the pathway of blood flow through the heart. (Review on student book page 106).



6. Mention four human circulatory diseases then match to the correct explanation. (Review on Student Book page 115-116).

AR _____ ●

● A lower than usual amount of red blood cells in our body because of iron and vitamin deficiency.

S _____ ●

● A high blood pressure due to too much force by the blood against the walls of the blood vessels.

H _____ ●

● A condition when arteries in organs are clogged with plaque, causing poor oxygen flow.

AN _____ ●

● A deprivation in oxygen to the brain cells due to the rupture of arteries within the brain. This may cause death within minutes.

Barakallahu fiikum