

**1. Short answer questions:**

i. What does haemoglobin do in the body?

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ii. What is the main job of the circulatory system?

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iii. Name four of the materials carried by the blood.

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iv. What work does a valve in the heart or a vein do?

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v. Why humans cannot live without blood?

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**2. Long answer questions:**

- i. A drop of blood has just left one of your lungs. Describe the route it takes to get back to the lungs.

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- ii. How do veins differ from arteries and capillaries in their structure and function?

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- iii. Why is it not correct to say that all arteries carry oxygenated blood and all veins carry deoxygenated blood?

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iv. What is the importance of white blood cells?

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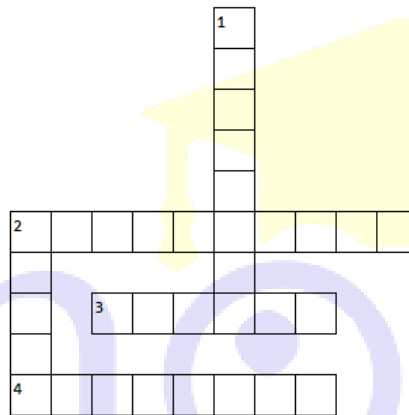
**3. Tick the right option.**

<b>1. The function of white blood cells is to:</b>			
I. Transport oxygen	II. Build immunity	III. Carry hormones	IV. Blood clotting
<b>2. The circulatory system delivers oxygen to the cells through the:</b>			
I. Blood cells	II. Bone marrow	III. Blood vessels	IV. Proteins
<b>3. The components of the circulatory system are:</b>			
I. 3	II. 4	III. 5	IV. 6
<b>4. The function of red blood cells is to:</b>			
I. Carry oxygen	II. Prevent disease	III. Clot the blood	IV. Carry dissolved food
<b>5. Function of platelets is to;</b>			
I. Protect against germs	II. Clot the blood	III. Carry hormones	IV. Carry oxygen

### 4. Fill ups

- i. Blood is pumped from the heart to \_\_\_\_\_ and then to the rest of the body.
- ii. \_\_\_\_\_ is transported by red blood cells.
- iii. \_\_\_\_\_ are smallest blood vessels.
- iv. The heart has \_\_\_\_\_ chambers.
- v. The heart is a \_\_\_\_\_ organ.

### 4. Crosswords



Across	Down
2.The lower chambers of the heart	1.Carry oxygenated blood away from heart
3.The liquid component of blood	2.Prevents backflow of blood in heart
4.The process of blood leaving the heart	

## 5. Words Search

Find the following word in the words search.

Valve	Ventricle	Chamber	Aorta	Cardiac
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S	C	A	T	S	A	L	T	C
K	Y	A	G	E	N	E	V	A
B	T	C	H	A	M	B	E	R
G	O	O	U	R	C	E	N	R
P	P	N	K	H	E	A	T	D
O	L	I	U	E	E	R	R	I
V	A	L	V	E	T	I	I	A
E	S	P	I	N	D	L	C	C
C	M	B	T	U	I	M	L	T
G	U	A	O	R	T	A	E	W

## 6. Jumbled Words

- |                       |                         |
|-----------------------|-------------------------|
| i. diumcarepi _____   | ii. monpulary _____     |
| iii. diumcarmyo _____ | iv. olesyst _____       |
| v. diumcarendo _____  | vi. stoledia _____      |
| vii. cularmus _____   | viii. tionlacircu _____ |
| ix. mpup _____        | x. atedgenoxy _____     |

### 7. Columns

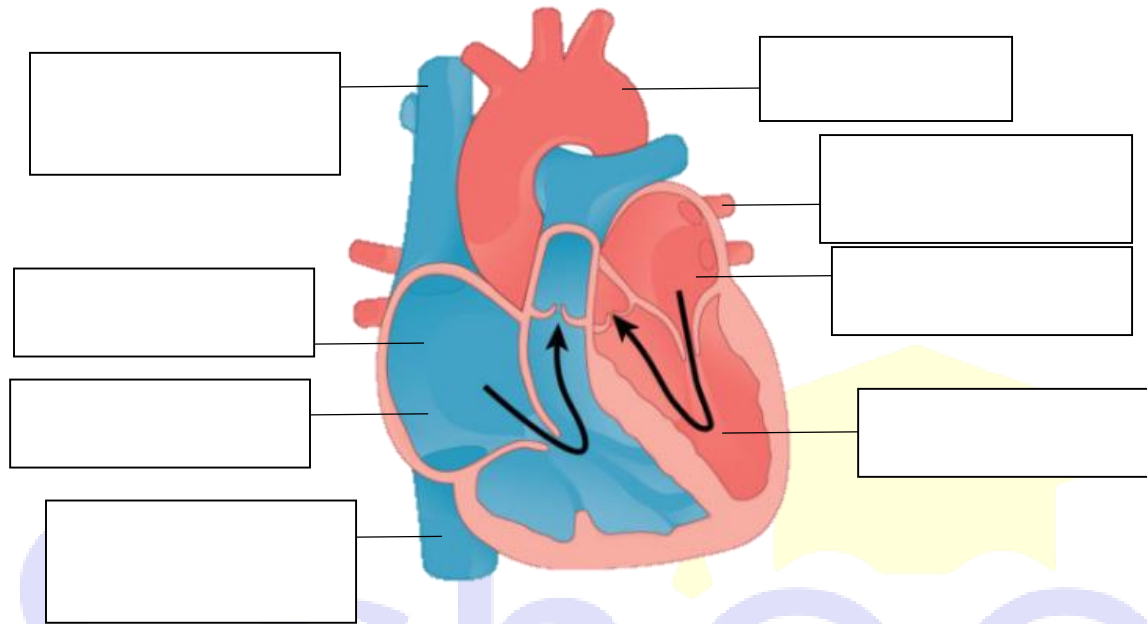
A
Atria
Ventricles
Platelets
plasma
Deoxygenated

B
55% of our blood
Oxygen poor blood
These chambers receive blood from the body
These chambers pump blood out to the body
Fragments of cells

### 8. Write “T” for the true and “F” for the false statement.



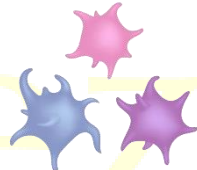

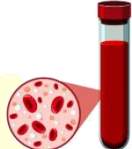
- i. Hypertension is a condition in which the force of blood against the walls of the arteries is too high.
- ii. Capillaries connect arteries and veins.
- iii. The average life span of red blood cells is about 150 days.
- iv. Veins carry blood away from heart.
- v. Stroke is a sudden interruption of blood flow to the brain


## 11. Label the diagram.



## 9. Drag and Drop

Look at the pictures and write their names in the relevant column.

				
Red blood cells	White blood cells	Platelets	Blood vessels	Blood

Structure	Function

## 10. Comprehension

Answer the following questions after reading the paragraph and observe the picture carefully.



The circulatory system, also known as the cardiovascular system, plays a crucial role in maintaining the body's overall health. It consists of the heart, blood vessels, and blood. The heart acts as a pump and blood vessels that are like roads. The heart pumps blood, and this blood travels through the vessels to reach every part of our body. It brings important things like oxygen and nutrients, making sure our organs and tissues work well. It's like delivering supplies to different places in our body. The circulatory system also helps take away waste, keeping our body clean. So, it's like a busy network of roads and delivery trucks, making sure everything in our body gets what it needs and stays healthy.

I. What does circulatory system consist of?

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II. What is the function of heart?

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III. What is cardiovascular system?

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