

HUMAN BODY

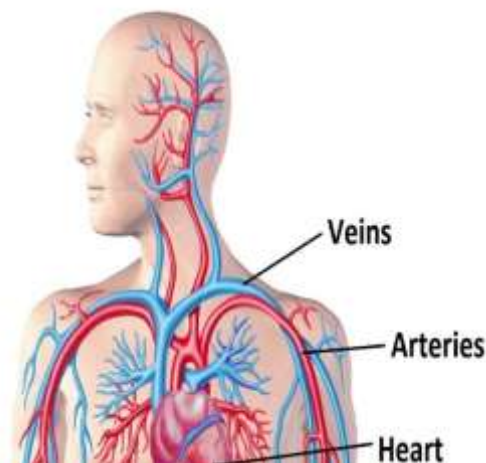
Human body consists of different organs which help out whole body system to function well. When different organs work together to perform certain function forms organ system. Human body consists of different organ systems which are as under:

- Circulatory system.
- Excretory system.
- Nervous system.
- Skelton system.
- Muscular system.

1. Circulatory system:

The main function of this circulatory system in our body is to carry with the blood nutrients and oxygen to the all parts of body. For proper functioning of the circulating system in our body must have good health.it consists of

- Heart
- Blood
- Blood vessels



Heart:

It's located a little to the left of the middle of your chest, Heart is sort of like a pump, or two pumps in one. The right side of your heart receives blood from the body and pumps it to the lungs. The left side of the heart does the exact opposite: It receives blood from the lungs and pumps it out to the body.

- it is called pumping station of our body which pumps blood.
- it beats 60 - 72 times in a minute.
- Pumps 4-5 liters of blood.



Blood:

Blood is fluid like which circulates in our body through blood vessels which carry oxygen and essential nutrients to entire body.

- It makes up 8% of our body weight.
- An average adult possesses around 5-6 litres of blood.

Blood vessels:

A blood vessel's main function is to transport blood around the body. Blood vessels also play a role in controlling your blood pressure. Blood vessels are of two types.

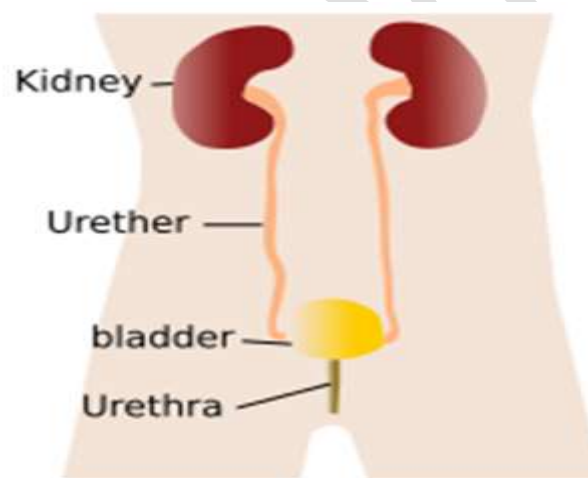
- Arteries
- Veins

- **Arties:** Arties carry blood away from the heart that is carry oxygen rich blood from heart to other organs of the body.
- **Veins:** Veins carry blood towards heart that is carry carbonated blood from other parts to heart.

2. Excretory system:

The urinary system is the main excretory system of the body which performs the function of excretion, the bodily process of discharging wastes. It consists of following parts which are

- Kidneys
- Ureters
- Urine Bladder
- Urethra



Kidneys:

kidney is bean shaped organ in our body the main function of kidney is to remove toxic waste products from our body.

- Mostly are two in number.
- In adult it is of 150 -160 grams in weight.
- Also helps removing of excess water from body.

State whether true/false:

1. Nerves carries blood from heart.
2. brain controls all functions of our body.
3. kidney is bean shaped structure.
4. lungs helps us pumping blood.
5. medulla is part of brain responsible for thinking.
6. Nerves carries messages from brain.
- 7 Tendons connects bones with muscles.
8. Skelton system is pumping station of our body.

Match the following:

Column A

1. Which system protect organs in our body.
2. Part of brain helps in circulating blood.
3. Which system controls and coordinates our body.
4. Blood vessels carries blood from heart to other organs.
5. Which system is responsible for circulation of blood?
6. Excretion is performed by system called.

Column B

- a. Excretory system
- b. Nervous system
- c. Circulatory system
- d. Skelton system
- e. Medulla
- f. Arties

Answer the following (short type)

Q1. What is function of circulatory system?

Q2. Why heart is called pumping station of our body?

Q3. What are arties?

Q4. What is the function of kidney in our body?

