

Aim :-

To study the different body system with the help of charts and models.

Reference :-

Waugh Anne, Grant Alison "Anatomy and physiology in health and illness" Elsevierian publication, 13<sup>th</sup> edition page no. 48-55.

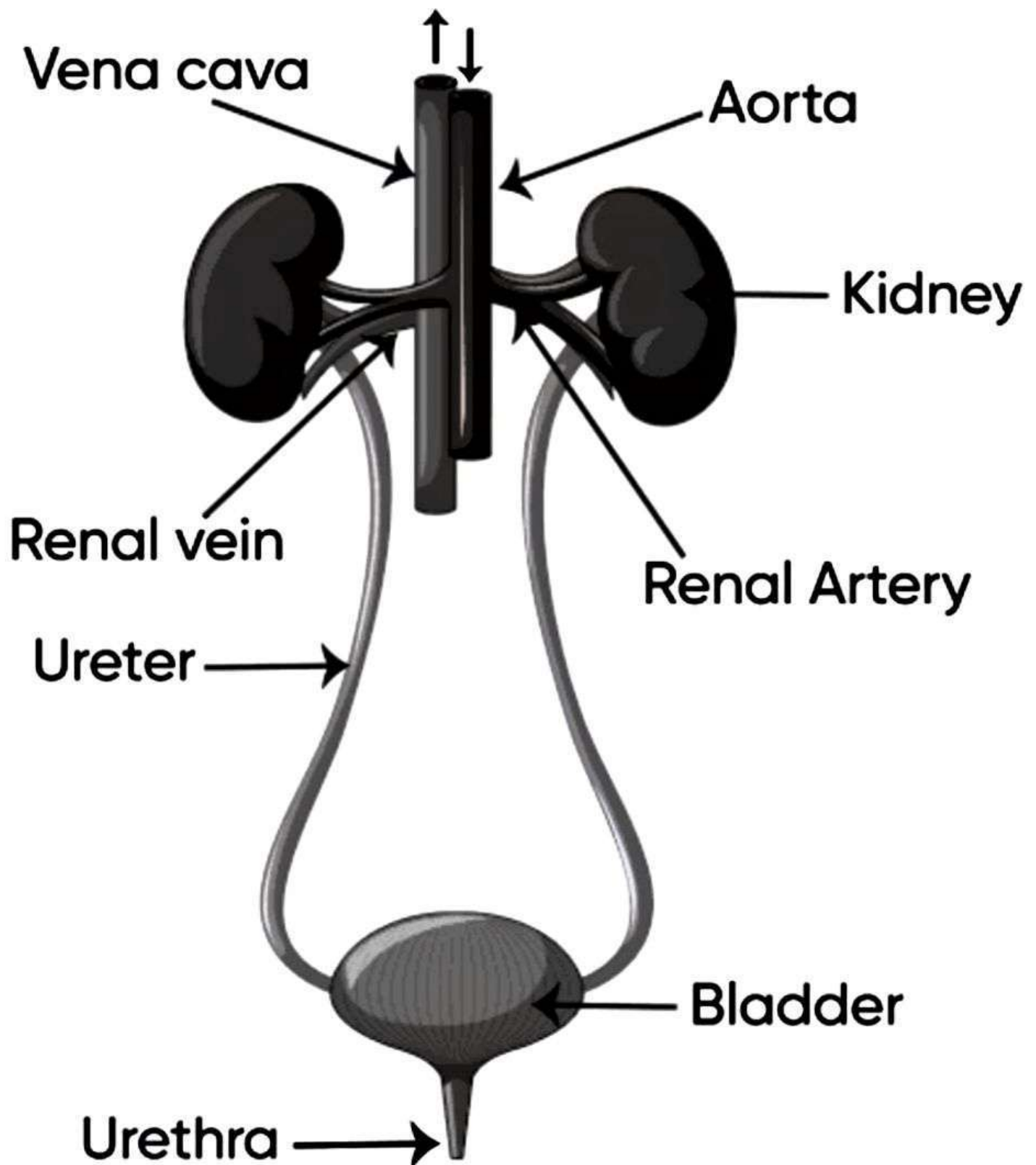
Requirement :-

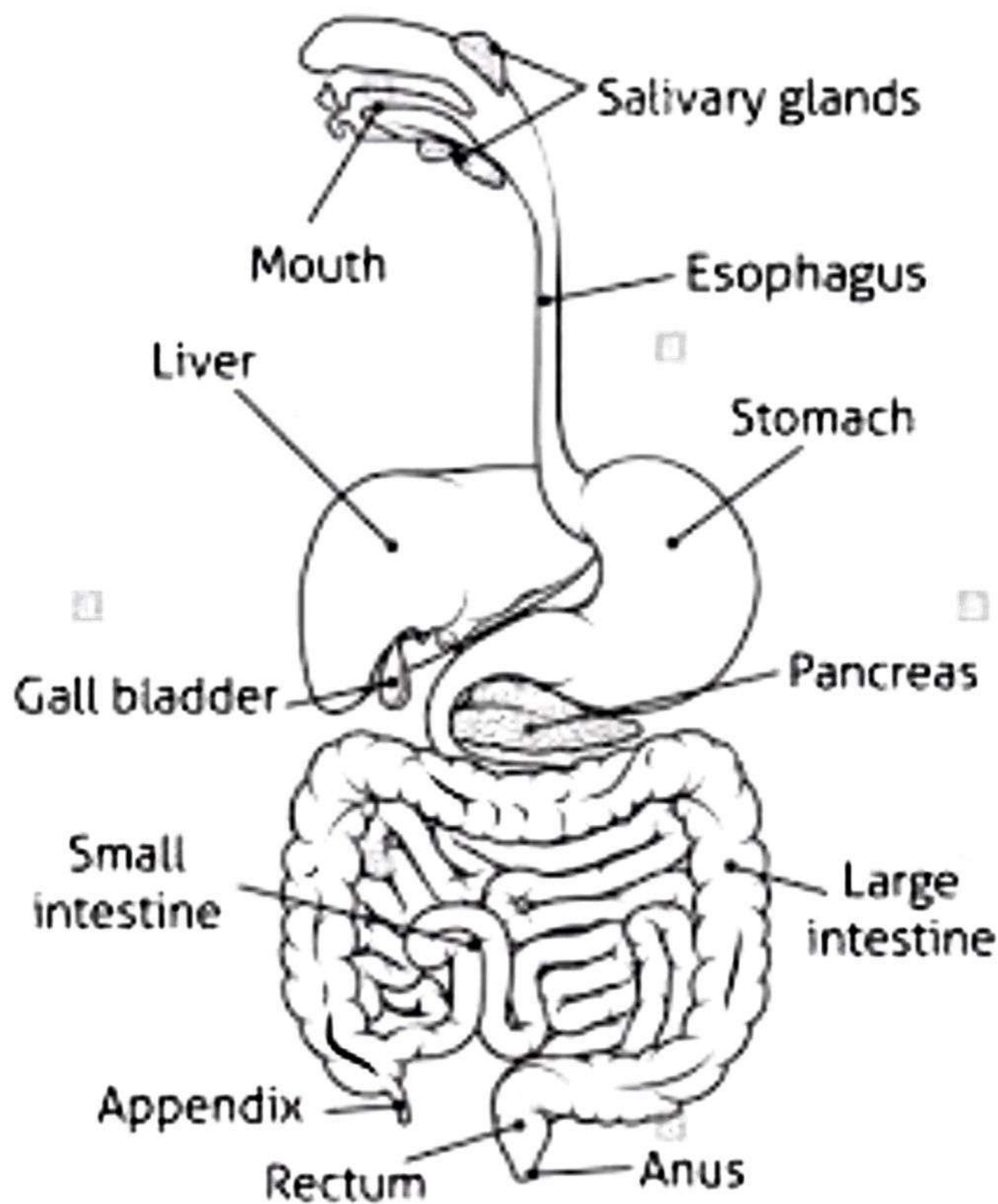
Chart and models → The different type of system which are present in human body. are as follow.

Theory :-

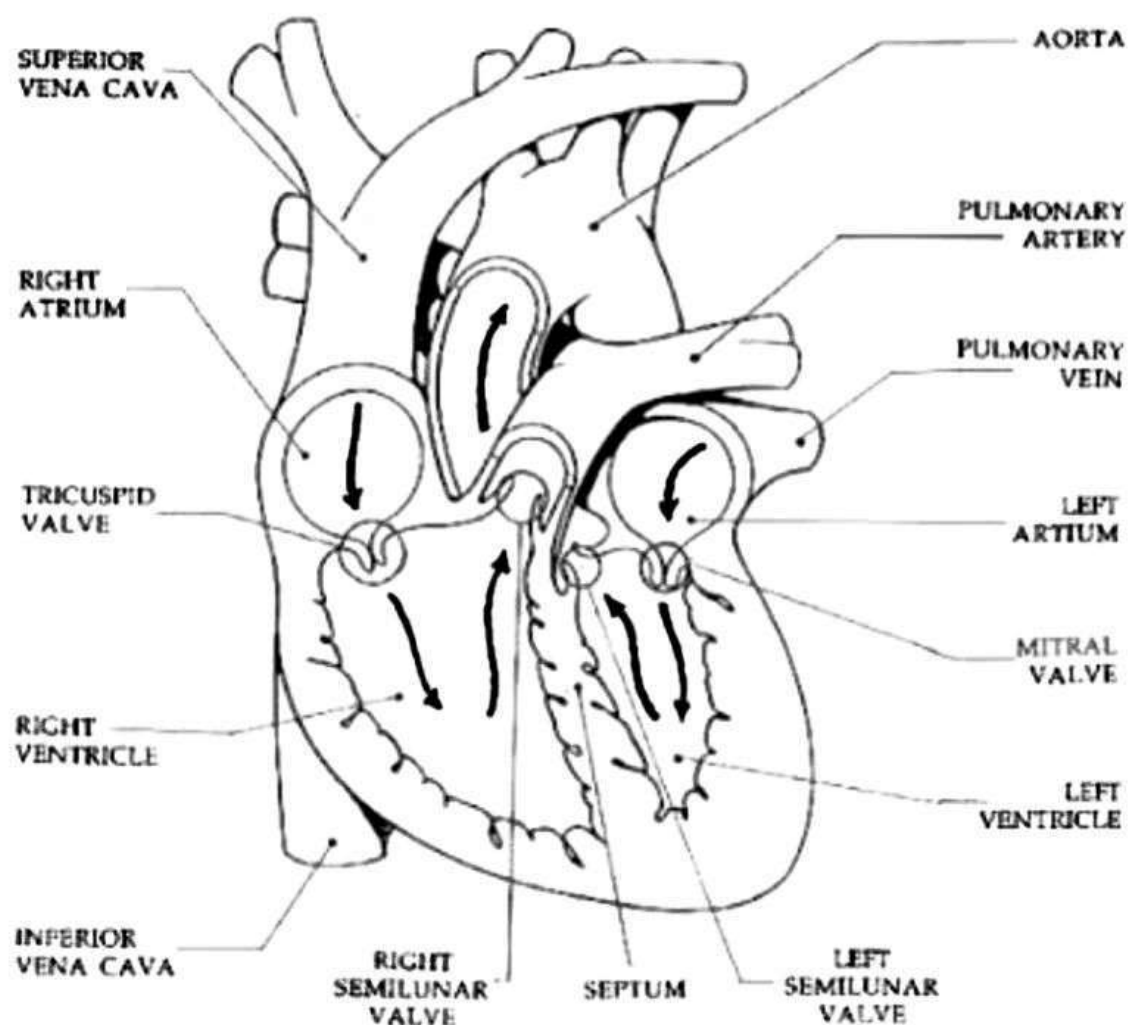
- 1 Nervous system: The nervous system consists of the central nervous system (which are brain and spinal cord) and peripheral nervous system. The brain is the organ of thought, emotion and sensory processing and serve many aspect of the communication and controls various other system and function.

# THE HUMAN EXCRETORY





# The Human Heart





2. Musculoskeletal system :- It includes your bones, cartilage, ligaments, tendons and connective tissues. Skeleton provides a framework for muscles and other soft tissues. They support the body's weight, maintain your posture and helps in movement.

3. Circulatory System :-

It is a system of organs that includes the heart, blood vessels, and blood which is circulated throughout the entire body of a human or other vertebrate.

4. The Gastrointestinal tract :-

The gastrointestinal tract is the tract or passageway of the digestive system that leads from the mouth to the anus.

5. Urinary system :

The urinary system, also known as the urinary tract or renal system, consists of the kidneys, ureters, bladder, and the urethra. The purpose of the urinary system is to eliminate waste from the body, regulate blood volume and blood pressure, controls levels of electrolyte and metabolites and regulate blood pH.

6. Reproductive system:

The reproductive system of an organism, also known as the genital system, is the biological system made up of all the anatomical organs involved in sexual reproduction.

7. Types of muscle :- Immune system:

The immune system consists of a vast network of cells, organs, proteins, and tissues throughout the body.

A fully functional immune system can distinguish healthy tissue from unwanted substances. If it detects an unwanted substance, it will mount an immune response - a complex attack to protect the body from invaders. It also recognizes and removes dead and faulty cells.

Conclusion:-

Study of different system with the help of charts and models was done successfully.