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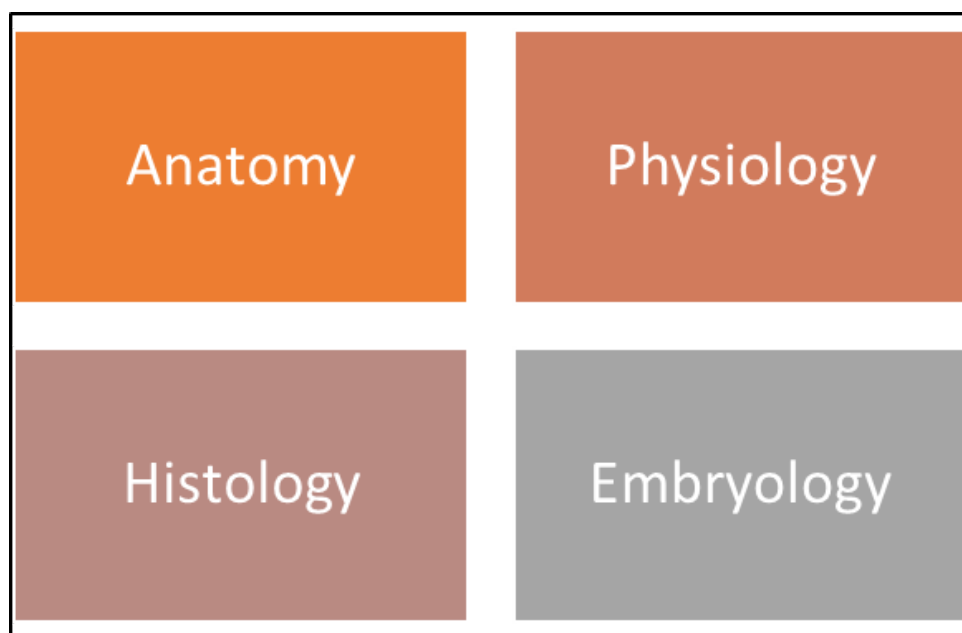
Human Body: Introduction to Human Body, Composition of the Human Body

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Introduction to Human Body

- The human body defines the structure of a human being.
- It is composed of different types of cells that together create tissues and organ systems.
- The human body comprises:
 - A head
 - Neck
 - Trunk (thorax and abdomen)
 - Arms and hands
 - Legs and feet

Study of the Human Body



Anatomy

- It is the scientific study of form and shapes of human beings.
- The skeleton helps in protecting several vital organs such as lung and liver.
- Muscles assist the bones in locomotion being specialized tissues.

Physiology

- It is the scientific study of functions and mechanisms in a living system.
- It focuses on how organisms, organ systems, individual organs, cells, and biomolecules carry out the chemical and physical functions.

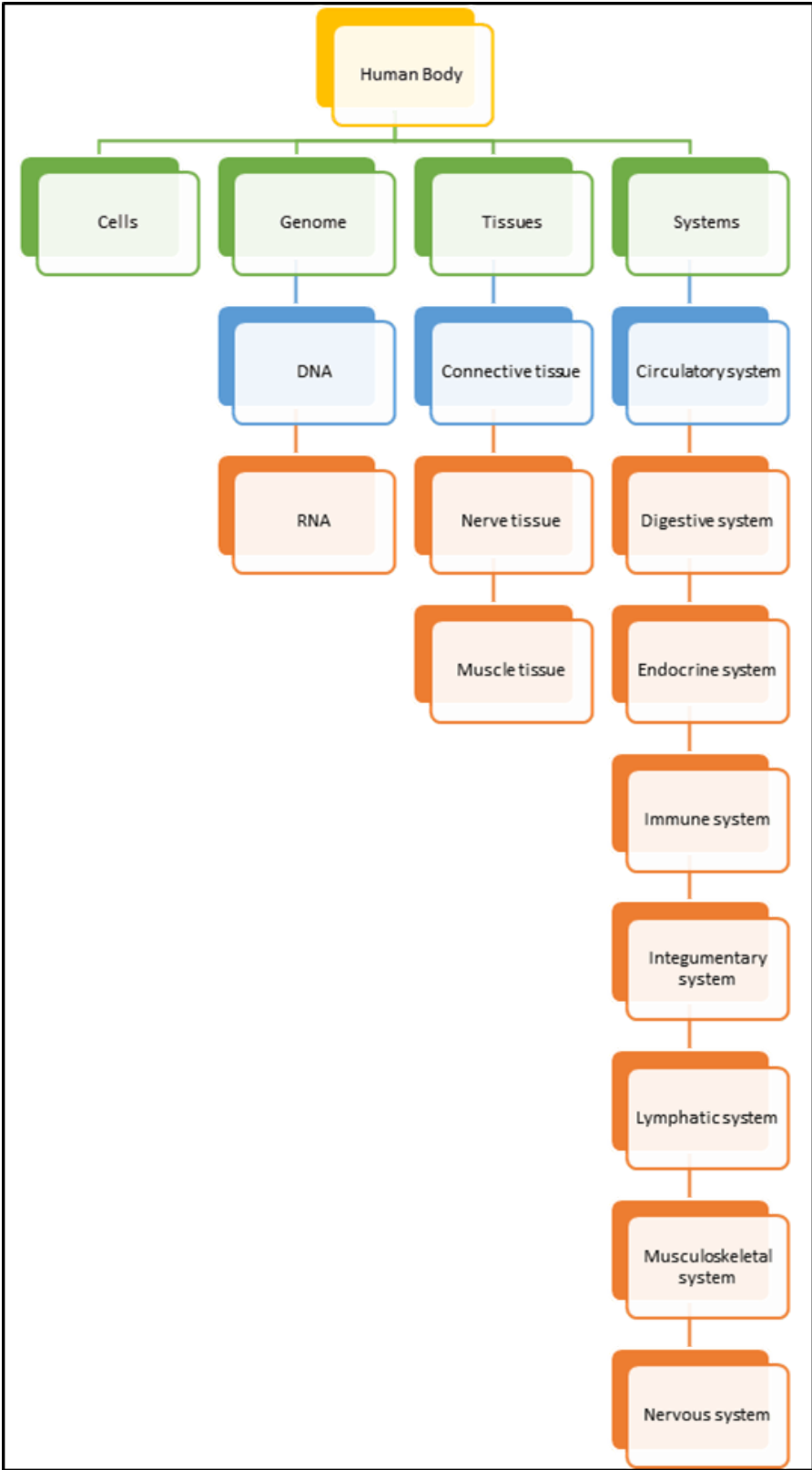
Histology

- It is the study of the microanatomy of cells, tissues, and organs as seen through a microscope.
- It examines the correlation between structure and function.

Embryology

- The branch of biology that studies the prenatal development of gametes (sex cells) .
- It also includes fertilization, and development of embryos and foetuses.

Composition of Human Body



Various Components of the Human Digestive System



Reproductive System

Male Reproductive System

- Penis
- Urethra
- Scrotum
- Testicle
- Seminal vesicle
- Vas deferens

Female Reproductive System

- Vagina
- Cervix
- Endometrium
- Ovary

- Fimbriae
- Fallopian tubes
- Uterus

Human Respiratory System

- Trachea
- Bronchi
- Bronchioles
- Lungs
- Diaphragm

Nervous System

Central Nervous System

- Forebrain
- Midbrain
- Hindbrain

Peripheral Nervous System

- Somatic nervous system
- Autonomic Nervous System

FAQs

Q 1. What are the various components of Human Digestive System?

Answer:

The various components of Human Digestive System are namely mouth, teeth, tongue, oesophagus, stomach, liver, pancreas, gastrointestinal tract, small and large intestines, and rectum.

Q 2. Define anatomy of the human body.

Answer:

Anatomy of the human body can be defined as the scientific study of form and shapes of human beings.

Q 3. What are the two classifications of Human Nervous System?

Answer:

The two classification of Human Nervous System are:

- i) Central Nervous System consists of Forebrain, Midbrain, and Hindbrain.
- ii) Peripheral Nervous System consists of Somatic Nervous System and Autonomic Nervous System