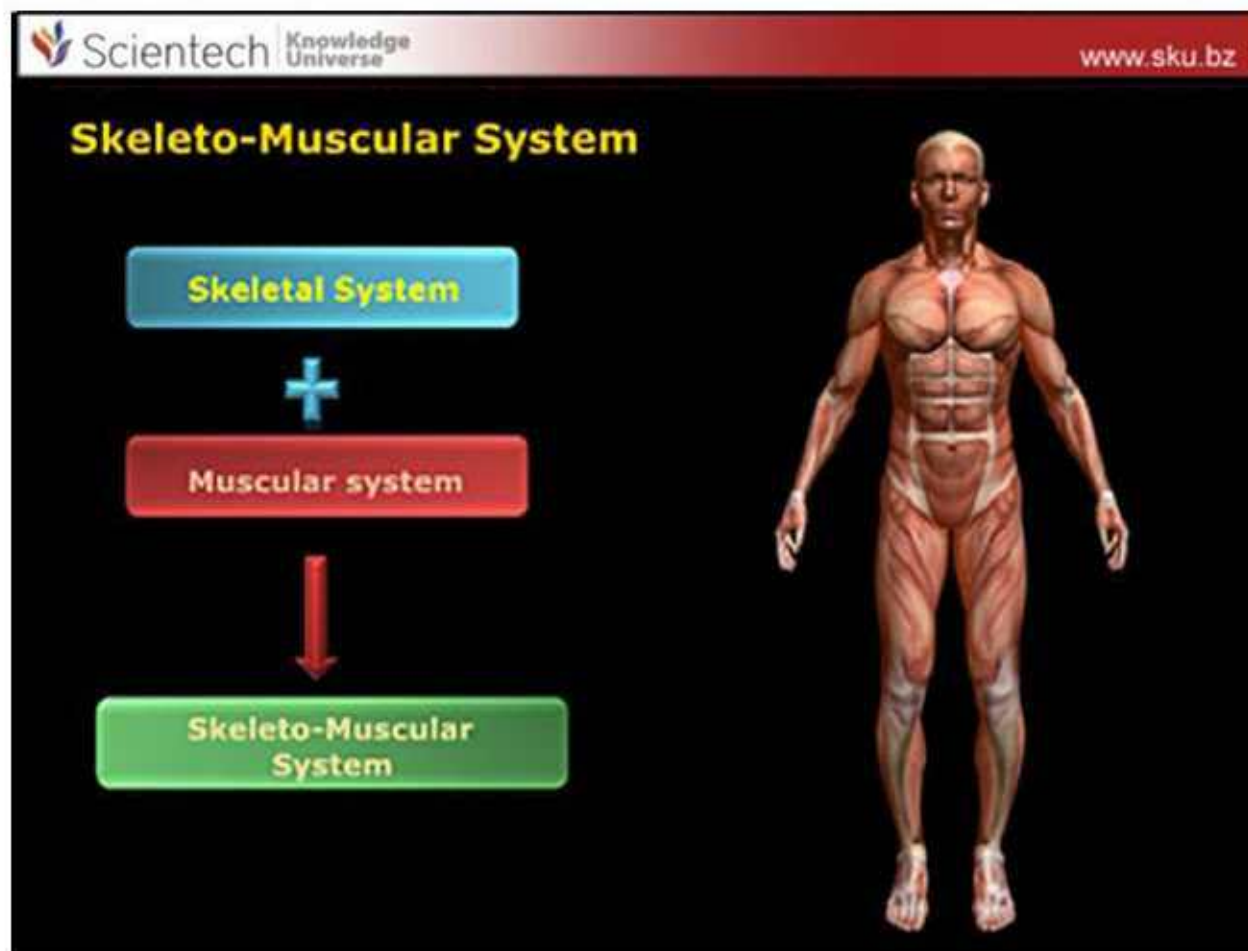


SKU-Human Physiology-I

SKU-Human Physiology is the biological study of the functions of living organisms and their Parts. Here Human Physiology is covered in two parts. This part describes some of the biological systems with the help of various Images, Creative Animations and User interface Simulations. Learning theoretical topics with help of these interactive methods provide Ease and Quality in Learning. Every Unit ends up with Interesting FAQ's and Quizzes.



Topics covered in SKU-Human Physiology-I:

Cytology

Topics Covered: Cell structure, various Cell Organelles and their Functions. Tissue and their types, structure and functions. Skeleto-Muscular System, Different types of Muscles and their Function.

Hematology

Topics Covered: Blood Composition, Properties, Functions, Coagulation and Blood groups. RBC, WBC and Platelet Counting with their normal values. Lymphatic system, Reticule Endothelial Systems & Defense Mechanism of the body.

Cardio-Vascular System

Topics Covered: Cardiac Cycle, Heart Sounds (PCG), Cardiac Outputs, Blood Flow, Blood Pressure, Arterial Pulse and Heart Rate, Electrocardiogram (ECG).

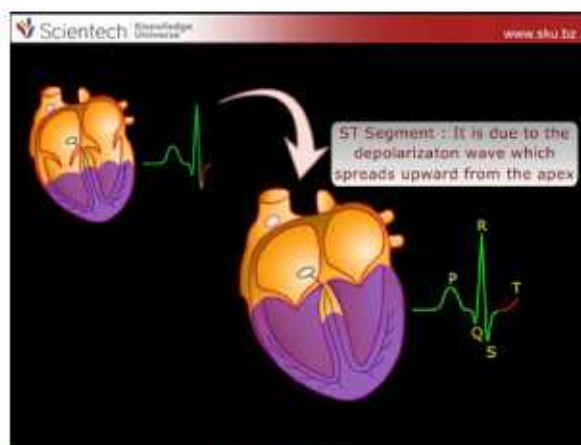
Respiratory System

Topics Covered: Mechanics of Respiration, Lung Volumes and Capacities, Transport of Gases and Control of Respiration.

Renal System

Topics Covered: Process involved in Urine Formation, Micturication, Composition of Urine, Principles of Haemodialysis and Temperature Regulation.

Print Shots of SKU-Human Physiology-I



Nerve Tissue

- Nerve tissue constitutes the nervous system
- This tissue is made up of elongated cells called neurons or nerve cell

- Tears wash germs and other particles from the eye
- Mucous membranes lining the nose, mouth and lungs trap germs
- White blood cells circulating through the body attack invading germs
- Strong acids in the stomach kill germs and parasites that are swallowed
- Skin acts as a barrier that keeps out most germs

