

Science Teaching and Learning

Exercise

Topic: Organization of Living Things

Concepts:

1. Cell as the structural and functional unit of life
 - Eukaryotic cell
 - Prokaryotic cell
2. Tissues of animal and plant
 - Animal: Epithelia, muscle, connective, nervous
 - Plant: phloem, xylem
3. Organs of animal and plant
 - Animal: Brain, heart, lungs, kidney, liver, stomach, intestine
 - Plant: Stem, leaves, root, fruit
4. Organ system and organism
 - Digestive system
 - Mouth, pharynx, esophagus, stomach, intestine, rectum, liver, pancreas, anus
 - Respiratory system
 - Lungs, alveoli, bronchus
 - Skeletal system
 - Bone, cartilage, tendon, muscle
 - Circulatory system
 - Heart, blood vessel, blood cells
 - Nervous system
 - Brain, backbone, neuron
 - Excretory system
 - Lungs, kidneys, liver
 - Reproduction system
 - Ovary, uterus, vagina

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