

مفردات الدراسة

اسم المادة	لغة التدريس	السنة الدراسية	اسم التدريسي
الفسلجة البشريه Human physiology	الانكليزية	الثانية	أ.م.د. هناء سلمان كاظم

اهداف المادة : معرفة تركيب ووظائف اجهزة الجسم المختلفة ومكونات الدم المختلفة لتمكن الطالب من التهيؤ لممارسة عمله في المستقبل.

Week	المفردات النظرية/ الفسلجة البشريه تفاصيل المفردات
1	Introduction to physiology : Functional Organization of Human Body and Homeostasis .
2	The digestive system ; parts and the accessory glands (salivary glands- .(pancreas – liver and bile)
3	The digestive system: Hepatic Biliary system, small intestine, large intestine.
4	. The respiratory system ; parts; pleura; types of vital respiration (Internal-External);respiratory- pulmonary ventilation
5	Gas exchange ; gas transport in the blood ; composition of respiratory .air ; regulation of respiration, Lung volumes and capacities, Hypoxia.
6	The cardiovascular system, the heart; structure , heart valves ; the cardiac cycle ,cardiac conductive system; factors affecting heart rate
7	The lymphatic system; function ; lymphatic vessels ; thoracic duct; .lymph nodes; tonsils ; spleen.
8	Body temperature , heat loss , regulation of body temperature (heat .(regulation center)
9	The urinary system ; parts , renal function , the normal formation of urine, Normal constituents of urine, concentration of urine; abnormal constituents of urine , role of the kidney to maintenance body fluids. Role of kidney to regulate blood pressure .
10	. The nervous system; the nerve cell and its function ; the nerve impulse ; the synapses, Autonomic nervous system. (Sympathetic and parasympathetic functions)
11	Parts of the nervous system ; the central nervous system, the brain and its function ; vital centers in the brain
12	The reproductive systems ; Male and female genital organs and their hormonal secretions
13	. The endocrine system ;the hormone; chemistry ; action ; types of endocrine glands and their secretion.

	المفردات العملية/ الفلسفه البشريه
Week	تفاصيل المفردات
1	Hematology; collection of blood; capillary blood; venous blood; plasma and serum.
2	Hemoglobin estimation by cyanomethemoglobin method.
3	Hemoglobin estimation by acid hematin method.
4	Packed cell volume (P.C.V.)
5	Red blood cell count.
6	Total white blood cell count.
7	Differential leukocyte count.
8	Erythrocyte sedimentation rate by wintergreen method.
9	E.S.R. by wintrob method.
10	ABO blood groups slide method ; tube method
11	Rh factor; slide method ; tube method
12	Blood coagulation tests; platelet count
13	Bleeding time (Ducks method; Ivy`s method).
14	Clotting time (capillary method; slide method).
15	Fragility test (R.B.C fragility test).
16	Examination of urine ; urine collection ; physical examination
17	The microscopic examination of urine.