

24.12.20

**THE DATE-THEMATIC PLAN OF LECTURE CLASSES ON NORMAL PHYSIOLOGY
FOR ENGLISH-SPEAKING STUDENTS OF CURE FACULTY
FOR DISCIPLINE “NORMAL PHYSIOLOGY” FOR THE IVTH TERM 2019-2020**

Course - 2nd

Place of occupations – sanitary building. Wednesday 8:50-10:30

Lecturers: ass. prof. A. P. Astashchenko

No. of week	Topic	Competences	Content of the theme	Hours	Estimation methods and materials
05.02.20	Digestion physiology.	GC -1,5, GPC -1,5,7 PC - 15, 16	Digestion types. Philosophy of regulation of digestion. Secretory, hydrolytic motor and absorptive functions. Not alimentary functions	2	T – 85 ST – 8
19.02.20	Excretion physiology	GC -1,5, GPC -1,5,7 PC - 15, 16	The structural-functional characteristic of a nephron. A renal blood flow. Glomerular filtration, canalicular reabsorption and secretion. urinary paths. Not secretory functions of kidneys.	2	T – 60 ST – 10
11.03.20	Physiology of sensory systems	GC -1,5, GPC -1,5,7 PC - 15, 16	General characteristic of peripheral, conducting and central department of analyzers. Interaction and adaptation of analyzers.	2	T – 47 ST - 8
01.04.20	Visual, auditory and vestibular analyzers	GC -1,5, GPC -1,5,7 PC - 15, 16	General characteristics of the peripheral, conductive and central departments.	2	T – 85 ST – 8
08.04.20	Highest nervous activity physiology	GC -1,5, GPC -1,5,7 PC - 15, 16	Concept about a HNA. Conditioned reflexes: formation and inhibition mechanisms. HNA types, role of force, motility and steadiness of the excitatory processes, motivational and information systems of a brain.	2	T – 60 ST – 10
15.04.20	Physiology of emotion, memory.	GC -1,5, GPC -1,5,7 PC - 15, 16	Mechanisms.	2	T – 89 ST – 10
22.04.20	Pain physiology	GC -1,5, GPC -1,5,7 PC - 15, 16	Features of pain sensitive system. Peripheral, conducting and cortical departments of the pain analyzer. Pain types. Analgetic system: a role of peptides and the excitatory mechanisms. Physiological bases of anaesthesia and a narcosis.	2	T – 89 ST – 10
29.04.20	Physiological bases of behaviour of the person. Physiological bases of labour activity.		Basic classifications of requirements and motivations, physiological mechanisms of their occurrence, philosophy of the organisation of the functional system, a backbone role of the useful effect. Classification of types of labour activity. Features physical and brainwork in the up-to-date requirements.	2	T – 89 ST – 10