

24.12.19

**THE DATE-THEMATIC PLAN OF PRACTICAL 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.

№	Topic	Purpose and objectives	Content of the theme	hours
1 3.02- 9.02	Digestion in a stomach and an intestine	GC -1,5, GPC -1,5, 7 PC - 15, 16	Concept about mechanisms of intestinal digestion functions. Digestion in small and large intestine. Neurohumoral regulation of intestinal tube functions.	3
2 10.02- 16.02	Metabolism and energy exchange	GC -1,5, GPC -1,5, 7 PC - 15, 16	Functional system of feeding. Metabolism.	3
3 17.02- 23.02	Excretion physiology	GC -1,5, GPC -1,5, 7 PC - 15, 16	Physiological system of allocation. A general characteristic of system of an uropoiesis and an urinary excretion. A nephron. A circulation in a kidney. A glomerular filtration. A canalicular reabsorption and secretion.	3
4 24.02- 1.03	Thermoregulation system	GC -1,5, GPC -1,5, 7 PC - 15, 16	General characteristic of system of a thermoregulation. Thermogenesis processes. Heat emission processes. The functional system of a thermoregulation.	3
5 2.03- 8.03	Control: Breath, Digestion, Metabolism and Excretion	GC -1,5, GPC -1,5, 7 PC - 15, 16	Oral poll, problem solving, discussion of answers, correction, working with practical skills.	3
6 9.03- 15.03	Sensitive systems. Pain system.	GC -1,5, GPC -1,5, 7 PC - 15, 16	General physiology of sensitive systems. Tactile sensitive system. Pain sensitive system. Gustatory sensitive system. Olfactory sensitive system. Interoceptive sensitive system.	3
7 16.03- 22.03	Visual sensitive system	GC -1,5, GPC -1,5, 7 PC - 15, 16	General characteristic of visual system. The dioptric apparatus of an eye. The receptor apparatus. Conducting department of visual system. Cortical department of visual system. Perception of colour. Adaptation of visual system. Protective reflexes. Locomotions of eyes. Research techniques.	3
8 23.03- 29.03	Acoustical and vestibular sensitive systems	GC -1,5, GPC -1,5, 7 PC - 15, 16	Acoustical touchsensitive system. Vestibular сенсорная system..	3
9 30.03- 5.04	Control. Sensitive systems	GC -1,5, GPC -1,5, 7 PC - 15, 16	Oral poll, problem solving, discussion of answers, correction, Working with practical skills	3
10 6.04- 12.04	Higher nervous activity. Conditioned reflexes. Temperament	GC -1,5, GPC -1,5, 7 PC - 15, 16	HNA general characteristic. Conditioned reflexes. Classification of conditioned reflexes. Stages and formation mechanisms. Inhibition of conditioned reflexes. System activity of a brain cortex. HNA types. The phase phenomena in a cortex of major hemispheres.	3

11 13.04- 19.04	Physiological bases of mental functions	GC -1,5, GPC -1,5, 7 PC -15, 16	Physiology of emotions. A sleep. Sensation and perception. Attention. Physiological basis of thinking. Consciousness Physiology.	3
12 20.04- 26.04	Physiological bases of behavior.	GC -1,5, GPC -1,5, 7 PC -15, 16	Types of behavior. Functional behavior system.	3
13 27.04- 3.05	Physiological bases of labour activity of the person. Control test.	GC -1,5, GPC -1,5, 7 PC -15, 16	Labour as expedient activity from positions of the theory of the functional systems. Somatic, vegetative and endocrine mechanisms of maintenance of labour activity. Information support of labour activity.	3