

**МИНИСТРЕСТВО ОБРАЗОВАНИЯ И НАУКИ
КЫРГЫЗСКОЙ РЕСПУБЛИКИ
ОШСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ
МЕЖДУНАРОДНЫЙ МЕДИЦИНСКИЙ ФАКУЛЬТЕТ**

«Согласовано»

Директор департамента аккредитации
и качества образования ОшГУ

К.п.н., проф.

Алтыбаева М.А. _____

« ____ » _____ 2023-г.

«Утверждено»

Проректор по учебной работе

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З.С.Божонов _____

« ____ » _____ 2023-г

Тестовые задачи

по срез остаточных знаний студентов 1 курса I-II семестр на 2022-2023
учебный год по направлению «Лечебное дело» шифр: 560001.

Квалификация: Специалитет.

Дисциплина: Нормальная анатомия.

ООП утвержденный Ученым Советом ММФ протокол № ____ от ____ 2023 г.

г. Ош -2023.

Вариант №1 «Остео-синдесмо-миология»

№	РО ООП	Компетенция	Задание
1	Ро-1 Ро-2 Ро-7 Ро-11	ОК-1 ИК-2 СЛК-5 ПК-15	<p>Name the chemical composition of the bone</p> <p>A) Calcium, magnesium, phosphorus, manganese, proteins B) Proteins, fats, carbohydrates, calcium salts C) <u>Organic and inorganic substances</u> D) All answers are correct</p>
2	Ро-1 Ро-2 Ро-7 Ро-11	ОК-1 ИК-2 СЛК-5 ПК-15	<p>Detect number of sacral vertebrae:</p> <p>A) <u>5</u>; B) 6; C) 7; D) 8;</p>
3	Ро-1 Ро-2 Ро-7 Ро-11	ОК-1 ИК-2 СЛК-5 ПК-15	<p><u>The shoulder and hip joints are of this type.</u></p> <p>A) <u>ball-and-socket</u> B) pivot C) saddle D) gliding</p>
4	Ро-1 Ро-2 Ро-7 Ро-11	ОК-1 ИК-2 СЛК-5 ПК-15	<p>Specify which branch of anatomy studies bone connections?</p> <p>A) myology B) <u>arthrosyndesmology</u> C) osteology D) splanchnology</p>
5	Ро-1 Ро-2 Ро-7 Ро-11	ОК-1 ИК-2 СЛК-5 ПК-15	<p>The femur inserts into the pelvic girdle at the _____.</p> <p>A) patella B) trochanter C) condyle D) <u>acetabulum</u></p>
6	Ро-1 Ро-2 Ро-7 Ро-11	ОК-1 ИК-2 СЛК-5 ПК-15	<p>Which bones do not belong to the axial skeleton?</p> <p>A) skull B) ribs C) <u>hip bone</u> D) spinal column</p>
7	Ро-1 Ро-2 Ро-7 Ро-11	ОК-1 ИК-2 СЛК-5 ПК-15	<p>The bone of the lower 3rd third of the face is;</p> <p>A) <u>mandible</u> B) maxilla C) frontal D) zygomatic</p>

8	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	Which one have Spinose Process? A) lumbar V <u>B) Scapula</u> C) Atlas D) Humerus
9	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	Which one is part of Coxae? A) Vomer B) Patella <u>C) Ischia</u> D) Promontorium
10	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	Which one is part of Tibia? A) Incisura fibularis <u>B) Malleolus medialis</u> C) Eminentia intercondylaris D) Linea intertrochanterica
11	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	103. Which one is part of skull? A) Coccyx B) Sulcus costae <u>C) os mandibulare</u> D) os calcaneus
12	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	104. Which one is part of sphenoidale? A) Sulcus intertubercularis <u>B) Ala minor</u> C) Fovea capitis D) tuberculum tibia
13	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	230. Which of the following muscle irresponsible for preventing occumulation of food? A) Orbicularis oris <u>B) Buccinator</u> C) Levator labii D) Orbicularis oculi
14	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	Specify the organs located mesoperitoneally: A) stomach, spleen; <u>B) ascending and descending colon;</u> C) the pancreas; D) kidneys and adrenal glands.
15	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	Which muscle include to neck region? A) tricep B) Buccinator muscle <u>C) Sternocleidomastoid</u> D) bicep

16	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The teeth that are comes under category of only permanent teeth are A) incisors <u>B) premolars</u> C) canines D) molars
17	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	A muscular tube about 10 inches long having cervical, thoracic and abdominal parts is <u>A) esophagus</u> B) ureter C) trachea D) small intestine
18	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The exocrine function of the pancreas is secretion of <u>A) pancreatic juice</u> B) gastric juice C) hormones D) pancreatic acid
19	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The largest gland of the body is A) skin B) brain C) kidney <u>D) liver</u>
20	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	Which of the following organs produces bile? A) gallbladder <u>B) liver</u> C) duodenum D) stomach
21	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The purpose of the soft palate is to _____. A) house extra taste buds B) sense temperature of food before it is swallowed C) produce saliva and enzymatic secretions <u>D) close off the nasal cavity during swallowing</u>
22	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	What area experiences the greatest changes in a menstrual cycle? A) vagina B) perimetrium C) cervix <u>D) endometrium</u>
23	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	Which factor causes the act of ovulation? A) blood pressure <u>B) LH levels</u> C) FSH levels D) estrogen
24	Po-1 Po-2	OK-1 ИК-2	Show parts of the vas deferens: A) testicular , adnexal, inguinal, pelvic; B) testicular , inguinal, pelvic, ampulla;

	Po-7 Po-11	СЛК-5 ПК-15	C) <u>testicular, cord, inguinal, pelvic</u> ; D) testicular, cord, inguinal, ampulla;
25	Po-1 Po-2 Po-7 Po-11	ОК-1 ИК-2 СЛК-5 ПК-15	Highlight where the ducts of the Bartholin 's glands open: A) at the base of the labia majora; B) <u>at the base of the labia minora</u> ; C) into the urethra; D) in front of the clitoris;

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1	Ро-1 Ро-2 Ро-7 Ро-11	ОК-1 ИК-2 СЛК-5 ПК-15	The unified nervous system is subdivided according to its functional characteristic: 1) into central and peripheral; <u>2) into somatic and vegetative;</u> 3) into cranial and spinal nerves; 4) the brain and spinal cord;

Вариант №2 «Ангионеврология»

2	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	<p>The central nervous system includes:</p> <p>1) the brain and cranial nerves; <u>2) the spinal cord and brain;</u> 3) the spinal cord and spinal nerves; 4) roots, spinal and cranial nerves, plexuses, and nodes</p>
3	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	<p>State which cerebral membranes separate the subarachnoid space:</p> <p>1) Periosteum <u>2) Pia and arachnoid</u> 3) Dura mater -4) None of the above.</p>
4	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	<p>The average amount of human cerebrospinal fluid is;</p> <p>1) 30-50 ml 2) 60-100 ml 3) 120-150 ml <u>4) 160-200 ml</u></p>
5	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	<p>The cervical spinal cord includes:</p> <p>1) 5 segments; 2) 12 segments; 3) 7 segments; <u>4) 8 segments;</u></p>
6	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	<p>The diameter of the spinal cord is:</p> <p>1) 1 mm; <u>2) 1 cm;</u> 3) 2 cm. 4) 0.5 cm</p>
7	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	<p>Identify the formations that border the medulla oblongata above (ventral):</p> <p>1) striae medullaris <u>2) pons</u> 3) optic tracts and mastoid bodies 4) thalamus</p>
8	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	<p>Identify the section of the brain in which the inferior salivary nucleus is located:</p> <p>1) cerebellum; 2) brain; <u>3) medulla oblongata;</u> 4) intermediate brain.</p>
9	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	<p>Which pairs of cranial nerves are motor nerves?</p> <p><u>1) 3,4,6,11,12</u> 2) 1,2,8 3) 5,7,9,10 4) 6,12,11</p>

10	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	All cranial nerves have nuclei in the brain except: 1) The trigeminal nerve; <u>2) Olfactory nerve;</u> 3) Oculomotor nerve; 4) Accessory nerve.
11	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The floor of the IV ventricle is formed by: 1) the peduncle of the brain; 2) the optic tubercle; 3) pyramids and olivas; <u>4) rhomboid fossa;</u>
12	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The ventral surface of the midbrain contains: 1) brain pedicles; <u>2) superior and inferior coliculi;</u> 3) lateral genicular bodies; 4) medial genicular bodies;
13	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	ZONE CONNECTING PITUITARY AND HYPOTHALAMUS 1) vault 2) grey tubercle <u>3) infundibulum</u> 4) Optic chiasm
14	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The sex gland hormone is: 1) insulin <u>2) testosterone</u> 3) noradrenaline 4) thyroxine
15	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The cavity of the terminal brain is: 1) IV ventricle; 2) cerebral aqueduct; 3) III ventricle; <u>4) lateral ventricles;</u>
16	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The lacrimal gland is located: 1) upper medial corner of the eye socket; <u>2) upper lateral corner of the eye socket;</u> 3) inferior medial corner of the eye socket; 4) the inferior lateral corner of the eye socket;
17	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	Participating in the formation of the cerebral arterial circle are: <u>1) the main (basilar) artery;</u> 2) middle cerebral arteries; 3) anterior villous arteries; 4) posterior cerebral arteries; Participating in the formation of the cerebral arterial circle are: <u>1) posterior connecting arteries;</u> 2) middle cerebral arteries; 3) anterior villous arteries; 4) superior cerebellar arteries;

18	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	Participating in the formation of the cerebral arterial circle are: <u>1) posterior connecting arteries;</u> 2) middle cerebral arteries; 3) anterior villous arteries; 4) superior cerebellar arteries;
19	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	Branches of the subclavian artery: 1) lateral thoracic artery; 2) upper thoracic artery; <u>3) vertebral artery;</u> 4) superior thyroid artery;
20	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The medial saphalic vein of the hand flows into: <u>1) brachial vein;</u> 2) lateral saphenous vein; 3) axillary vein; 4) the subclavian vein;
21	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The hepatic veins are tributaries of: 1) the portal vein; 2) the splenic vein; <u>3) inferior vena cava;</u> 4) superior mesenteric vein;
22	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The oculomotor nerve passes through: 1) the anterior lattice foramen; 2) posterior lattice foramen; 3) optic canal; <u>4) superior orbital fissure</u>
23	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The splenic vein is a tributary of: <u>1) the portal vein;</u> 2) hepatic vein; 3) inferior vena cava; 4) the renal vein;
24	Po-1 Po-2 Po-7 Po-11	OK-1 ИК-2 СЛК-5 ПК-15	The heart receives parasympathetic innervation from: <u>1) the vagus nerve;</u> 2) the plexus of the ribs; 3) the superior mesenteric plexus; 4) thoracic cardiac nerves;

Критерии оценивания тестирования

Критерии оценки	Уровни			
	«отлично»	«хорошо»	«удовлетворительно»	«неудовлетворительно»

25	Ро-1 Ро-2 Ро-7 Ро-11	ОК-1 ИК-2 СЛК-5 ПК-15	Sympathetic nerves approach the stomach from: <i>1) the celiac plexus;</i> 2) the superior mesenteric plexus; 3) lower mesenteric plexus; 4) upper subcostal plexus;			
Количество правильных ответов (%)	22-25	18-21	13-17	менее 12		
	90-100% правильных ответов	75-89% правильных ответов	50-74% правильных ответов	Менее 50% правильных ответов		

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Вариант №1

№	РО ООП	Компетенция	Задание
1	Ро-1 Ро-2 Ро-5 Ро-7	ОК-1 СЛК-2 ПК-5 ПК-15 ПК-32	Select the correct sequence of phases of a single muscle contraction? <i>A) Latent period - contraction phase - relaxation phase</i> B) Relaxation phase - contraction phase - latent period C) Contraction phase - latent period - relaxation phase. D) Latent period - relaxation phase.

Вариант №2

2	Po-1	OK-1	Which ions are located in the cistern of the sarcoplasmic reticulum?
№	Р0-10 Р0-0П	Компетенция ПК-5	Задание A) <u>Calcium</u> B) Chlorine C) Potassium D) Sodium
1	Po-7 Po-2	OK-15 УКК32	Determine during the rapid depolarization phase of the action potential, membrane permeability to ions increases: A) potassium
3	Po-5 Po-2 Po-5	OK-5 УКК32 ПК-52	Specify which hormones are steroid hormones: A) insulin and adrenaline B) ghlagon and ACTH C) thyroxine and adrenalin D) glucocorticoids, mineralocorticoids, sex hormones.
2	Po-7 Po-2	OK-15 УКК32	What are substances that block the action of a neurotransmitter called? A) antagonists
4	Po-5 Po-2 Po-5	OK-5 УКК32 ПК-52	What effect does oxytocin have predominantly? A) Neuropeptides metabolic processes in uterine endometrial cells B) Regulate diuresis C) Controls secondary sexual characteristics D) Stimulates uterine smooth muscle
3	Po-7 Po-2	OK-15 УКК32	Hormones that have a direct effect on the cell genome are represented by: A) peptide hormones
5	Po-5 Po-2 Po-5	OK-5 УКК32 ПК-52	Regulatory influence of CNS on endocrine glands is carried out through: A) cerebellum amines B) cerebellum C) thalamus D) hypothalamus.
4	Po-7 Po-2	OK-15 УКК32	Indicate the functions of the placenta include all of the following except: A) <u>testosterone secretion</u>
6	Po-5 Po-2 Po-5	OK-5 УКК32 ПК-52	Which ions are considered to play a major role in generating the receptor potential for the sensation of sourness? A) Ca²⁺ nutrition B) <u>H⁺</u> C) Na⁺ D) Cl⁻
5	Po-7 Po-2	OK-15 УКК32	Which hormone regulates the first half of the menstrual cycle? A) growth hormone B) Progesterone
7	Po-5 Po-2 Po-5	OK-5 УКК32 ПК-52	The ability of an organism to record events that have occurred in a person's life is called: <u>hormone</u> A) <u>memory</u> B) motivation C) consciousness D) emotions.
6	Po-7 Po-2	OK-15 УКК32	Excitation of receptors in the cortical organ occurs during: A) deformation of the tympanic membrane B) <u>deformation of the hair cells</u>
8	Po-5 Po-2 Po-5	OK-5 УКК32 ПК-52	Which spinal cord neuron is involved in the formation of inhibition? A) beta-motoneuron B) pyramidal cell C) Purkinje cell D) <u>Renshaw cell</u> *
7	Po-7 Po-2	OK-15 УКК32	The cortical representation of the temperature analyzer is located in: A) <u>the sensory zone of the cortex</u> B) hippocampus
	Po-5	ПК-5	C) occipital cortex area D) temporal cortex area

9	Po-1 Po-2 Po-5 Po-7	OK-15 OK-32 PK-5 PK-15	When the anterior roots of the spinal cord are transected, the muscle tone: A) will disappear B) will significantly decrease C) extensors will increase
8	Po-1 Po-2	OK-1 PK-32 CJIK-2	The center of the visual analyzer is localized in the cortex: A) occipital B) parietal C) temporal D) somatosensory
10	Po-1 Po-5 Po-2 Po-7 Po-5 Po-7	OK-1 PK-5 CJIK-2 PK-15 PK-5 PK-32 PK-15	Which of the following statements is correct regarding the sympathetic and parasympathetic systems? A. Acetylcholine activates muscarinic receptors. B. Acetylcholine activates adrenergic receptors. C. Norepinephrine activates muscarinic receptors. D. Activation of the sympathetic system causes a drop in blood pressure.
9	Po-1 Po-2	OK-1 PK-32 CJIK-2	What are the neurons that perceive signals in the receptors of the sensory organs and transmit them to the CNS? A) Afferent B) Autonomic C) Efferent D) inter
11	Po-1 Po-5 Po-2 Po-7 Po-5 Po-7	OK-1 PK-5 CJIK-2 PK-15 PK-5 PK-32 PK-15	The patient's blood pH is 7.0. Make a conclusion. A) Alkalosis. B) homeostasis C) acidosis * D) normal
10	Po-1 Po-2	OK-1 PK-32 CJIK-2	How do adrenaline and noradrenaline increase the force of heart contraction? A) affect the baroreceptors B) decrease the tone of the vagus nerves C) excite beta-adrenoreceptors D) cause excitation of baroreceptors
12	Po-1 Po-5 Po-2 Po-7 Po-5 Po-7	OK-1 PK-5 CJIK-2 PK-15 PK-5 PK-32 PK-15	Specify the normal content of hemoglobin in the blood: A) in women 95-115 g/l, in men 110-115 g/l B) women have 120-150 g/l, men 130-160 g/l C) women have 135-160 g/l, men 168-180 g/l D) In women 100-110 g/l, in men 120-125 g/l
11	Po-1 Po-2	OK-1 PK-32 CJIK-2	Which cellular elements of the blood contain heparin? A) In erythrocytes B) In neutrophils C) In platelets D) in basophils
13	Po-1 Po-5 Po-2 Po-7 Po-5 Po-7	OK-1 PK-5 CJIK-2 PK-15 PK-5 PK-32 PK-15	Select the definition of arterial pulse? A) The rhythmic change in pressure in the heart cavities B) Rhythmic oscillations of the chest wall during heart contractions C) Stretching of the arterial wall as BP rises during cardiac systole D) Rhythmic contractions of the heart
12	Po-1 Po-2	OK-1 PK-32 CJIK-2	The intrinsic pathway of the first phase of hemocoagulation (secondary hemostasis) is associated with: A) damage to cell membranes and exposure of collagen fibers B) platelet adhesion C) release of serotonin and norepinephrine from vascular wall D) damage of vascular wall and surrounding tissues
14	Po-1 Po-5 Po-2 Po-7 Po-5 Po-7	OK-1 PK-5 CJIK-2 PK-15 PK-5 PK-32 PK-15	Hyperpolarization of the membrane in the cells of the sinus-atrial node when the vagus nerve is stimulated by: A) acetylcholinesterase B) acetylcholine C) noradrenaline
13	Po-1 Po-2	OK-1 PK-32 CJIK-2	The homeometric mechanism of heart regulation consists in: A) intensification of heart contractions when there is a change in aortic pressure B) increase in heart rate when the baseline length of muscle fibers changes C) increase in heart rate when the baseline length of muscle fibers changes D) increase in heart rate with changes in aortic pressure
15	Po-1 Po-5 Po-2 Po-7 Po-5 Po-7	OK-1 PK-5 CJIK-2 PK-15 PK-5 PK-32 PK-15	What is the average BP of a healthy middle-aged person? A) 110-120 mmHg. B) 90-70 mmHg. C) 90-95 mmHg. D) 55-60 mmHg.
		PK-32	

16	Po-1 Po-2 Po-5 Po-7	OK-1 CJK-2 PK-5 PK-15 PK-32	State three main mechanisms of present regulation of vasodilation? <u>A) Affinity of plasmatic renin</u> <u>B) Myogenic mechanism</u> <u>C) Neurogenic and metabolic</u> <u>D) Humoral and prostanoid</u>
17	Po-1 Po-2 Po-5 Po-7	OK-1 CJK-2 PK-5 PK-15 PK-32	What is called the total heart capacity (Frank-Starling's law)? <u>A) Myocardial capacity with passive increase in aortic pressure</u> <u>B) Myocardial capacity of the lungs + respiratory diastolic myocardial capacity of the lungs + residual volume</u> <u>C) Decrease in volume of respiratory circulation with increasing blood flow to the heart</u> <u>D) Increased force of heart contraction with increasing BP</u>
18	Po-1 Po-2 Po-5 Po-7	OK-1 CJK-2 PK-5 PK-15 PK-32	How does it affect the rate of exchange of gases in the blood? <u>A) Increases the blood, O₂ - out of the blood, CO₂ - into the blood</u> <u>B) Decreases the blood, O₂ and CO₂ - out of the blood</u> <u>C) Increases the blood, O₂ and CO₂ - into the blood</u> <u>D) No change in CO₂ - from blood</u>
19	Po-1 Po-2 Po-5 Po-7	OK-1 CJK-2 PK-5 PK-15 PK-32	What is the volume of hydrochloric acid and pepsin in the duodenum occurs under the influence of: <u>A) 100-150 ml</u> <u>B) 200-250 ml</u> <u>C) 300-400 ml</u> <u>D) enterokinase</u>
20	Po-1 Po-2 Po-5 Po-7	OK-1 CJK-2 PK-5 PK-15 PK-32	What is the effect of the vagus nerve on the salivary glands? <u>A) leads to the release of a small amount of saliva rich in organic substances</u> <u>B) leads to the increase of frequency of respiratory movements and the reserve volume of the lungs</u> <u>C) leads to the decrease of frequency of respiratory movements and the residual volume</u> <u>D) leads to the increase of frequency of respiratory movements</u>
21	Po-1 Po-2 Po-5 Po-7	OK-1 CJK-2 PK-5 PK-15 PK-32	Erythrocytes and protein were found in the urine. What does this indicate? <u>A) About the violation of the secretion process in the tubules</u> <u>B) About the violation of the synthesis process in the tubules</u> <u>C) About the violation of the process of reabsorption in the tubules</u> <u>D) On violation of the permeability of the glomerular membrane and filtration</u>
20	Po-1 Po-2 Po-5 Po-7	OK-1 CJK-2 PK-5 PK-15 PK-32	Difficulty in the final phase of digestion is caused by the obstruction of the nephron. How will glomerular filtration change? <u>A) will increase significantly</u> <u>B) will decrease</u> <u>C) will increase</u> <u>D) will not change significantly</u>

23	Po-1 Po-2 Po-5 Po-7	OK-1 СЛК-2 ПК-5 ПК-15 ПК-32	Determine the main resistance factor providing filtration in blood in a prerenal glomeruli: A) effective filtration pressure in the glomeruli * B) hydrostatic fluid pressure in the loop of Henle C) hydrostatic pressure of the liquid in the Bowman capsule D) oncotic pressure of plasma proteins
22	Po-1 Po-2 Po-5 Po-7	OK-1 СЛК-2 ПК-5 ПК-15 ПК-32	Specify if the following is not required to determine the daily intake of energy in a body? A) The amount of the glucose consumed B) The amount of protein consumed C) The amount of fat consumed D) The amount of water hydrates consumed
25	Po-1 Po-2 Po-5 Po-7	OK-1 СЛК-2 ПК-5 ПК-15 ПК-32	State what is the biological value of food protein in the body? A) The importance of food proteins for life B) The relative amount of protein in food C) Alphacarbon content D) The content of all amino acids in proteins, including essential ones
24	Po-1 Po-2 Po-5 Po-7	OK-1 СЛК-2 ПК-5 ПК-15 ПК-32	Which of the statements is incorrect? The kidneys are involved in the regulation of: A) leukopoiesis B) excretion of protein metabolism products C) constancy of osmotic pressure and blood pH D) volume of blood and other body fluids
25	Po-1 Po-2 Po-5 Po-7	OK-1 СЛК-2 ПК-5 ПК-15 ПК-32	The patient is in good health with BP=120/80 mm Hg. If his blood pressure drops to 100/60 mmHg, will his daily diuresis change? A) decrease B) will not change significantly C) will increase D) first increases then decreases

Критерии оценивания тестирования

Критерии оценки	Уровни			
	«отлично»	«хорошо»	«удовлетворительно»	«неудовлетворительно»
Количество правильных ответов	22-25	18-21	13-17	менее 12
(%)	90-100% правильных ответов	75-89% правильных ответов	50-74% правильных ответов	Менее 50% правильных ответов

МИНИСТРЕСТВО ОБРАЗОВАНИЯ И НАУКИ
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ОШСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ
МЕЖДУНАРОДНЫЙ МЕДИЦИНСКИЙ ФАКУЛЬТЕТ

«Согласовано»

Директор департамента аккредитации
и качества образования ОшГУ

К.п.н., проф.

Алтыбаева М.А. _____

« ____ » _____ 2023-г.

«Утверждено»

Проректор по учебной работе

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З.С.Божонов _____

« ____ » _____ 2023-г

Тестовые задачи

по срезу остаточных знаний студентов 2-курса II-III семестр на 2022-2023 учебный год по
направлению «Лечебное дело» шифр: 560001.

Квалификация: Специалитет.

Дисциплина: Clinical anatomy.

г. Омск -2023.

Вариант 1

№	РО ООП	Компетенция	Задание
1	РО-1 РО-5 РО-7	ОК-1, ДК-3, СЛК-4, ПК-27	1. The brachial plexus is formed by: а) <u>anterior branches of C5-C8 and T1 segments;</u> б) posterior branches of C5-C8 and T1 segments; в) anterior branches of C5-C8 segments; г) anterior and posterior branches of C5-C8 segments; д) anterior branches of segments C1-C4.
2	РО-1 РО-5 РО-7	ОК-1, ДК-3, СЛК-4, ПК-27	2. The short branches of the brachial plexus include all of the listed nerves, except а) <u>anterior, middle and posterior supraclavicular, diaphragmatic</u> б) dorsal nerve of the scapula, long thoracic nerve, subclavian nerve в) suprascapular nerve, anterior thoracic г) subscapular, axillary nerve
3	РО-1 РО-5 РО-7	ОК-1, ДК-3, СЛК-4, ПК-27	3. The scapular arterial circle is formed by: а) descending branch of the transverse artery of the neck, suprascapular artery; б) descending branch of the transverse artery of the neck, suprascapular artery, subscapular artery; в) <u>descending branch of the transverse artery of the neck, suprascapular artery, subscapular artery, artery surrounding the scapula;</u>
4	РО-1 РО-5 РО-7	ОК-1, ДК-3, СЛК-4, ПК-27	4. The biceps muscle of the shoulder innervates а) median nerve б) ulnar nerve в) radial nerve г) <u>musculocutaneous nerve</u>
5	РО-1 РО-5 РО-7	ОК-1, ДК-3, СЛК-4, ПК-27	5. What nerves, except for one, pass through the subcutaneous tissue of the anterolateral and anteromedial surfaces of the thigh? а) medial femoral cutaneous nerve б) lateral femoral cutaneous nerve в) femoral nerve г) <u>obturator nerve</u>

6	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	6. The sciatic nerve leaves the pelvic cavity through: a) suprapiriform opening б) <u>subpiriform opening</u> в) obturator foramen
7	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	7. In the innervation of the quadriceps femoris takes part: a) <u>femoral nerve;</u> б) sciatic nerve; в) obturator nerve; г) ilio-inguinal nerve;
8	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	8. The cervical nerve plexus is formed most often a) from C2-C3 б) from C3-C4 в) <u>from C2-C4 from C1-C4</u>
9	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	9. The place of formation of the phrenic nerve is a) rhomboid fossa б) cerebellopontine angle в) <u>cervical plexus brachial plexus</u>
10	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	10. The vertebral artery departs a) from the brachial region б) <u>from the subclavian artery</u> в) from the common carotid artery from the aortic arch
11	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	11. The axillary artery in the clavicular-thoracic triangle is located between: a) axillary vein and cervical plexus б) <u>axillary vein and bundles of the brachial plexus</u> в) axillary vein and pectoralis major г) axillary vein and deltoid muscle
12	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	12. The long nerves of the brachial plexus include a) musculocutaneous, radial nerves б) ulnar, median nerves в) <u>cutaneous nerves of the shoulder and forearm</u> <u>all of the above</u>
13	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	13. The radial nerve departs from the bundle of the brachial plexus a) <u>rear</u> б) lateral в) medial г) back and side
14	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	14. In the middle third of the shoulder, the median nerve is located in relation to the brachial artery. a) <u>repaints the artery anteriorly</u> б) lateral to the artery в) medial to the artery г) goes next to the artery
15	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	15. The triceps muscle of the shoulder is innervated a) median nerve б) ulnar nerve в) <u>radial nerve axillary nerve</u>
16	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	16. The ulnar nerve penetrates into the median fascial bed of the palm through a) carpal tunnel б) <u>ulnar canal of the wrist</u>

			в) does not penetrate extensor tendon canal of the 11th finger
17	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	17. Through a three-sided hole passes: а) <u>axillary nerve, artery surrounding the humerus behind;</u> б) artery surrounding the scapula; в) axillary nerve and artery surrounding the scapula.
18	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	18. The sciatic nerve leaves the pelvic cavity а) through the foramen magnum б) <u>through the foramen magnum</u> в) through the forum
19	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	19. In the upper half of the femoral triangle in relation to the femoral artery, the femoral vein is located а) front б) outside в) <u>inside posteriorly</u>
20	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	20. Pirogov's inguinal lymph node is located in the area а) <u>orifice of the great saphenous vein of the thigh</u> б) projections of the femoral artery в) no correct answer
21	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	21. To what extent does the number of trunks of the great saphenous vein on the thigh vary? а) 1-2 б) 2-5 в) 6-8 г) <u>8-10</u>
22	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	22. Which vein of the lower limb is more often affected by varicose veins? а) <u>great saphenous vein of the leg</u> б) small saphenous vein of the leg в) popliteal vein г) femoral vein
23	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	23. Through the round openings from the cranial cavity exit: а) optic nerves; б) <u>maxillary nerves;</u> в) ophthalmic nerves; г) block nerves.
24	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	24. Pterygoid venous plexus is located: а) <u>in the temporal pterygoid cellular space;</u> б) in its own fiber under the masticatory muscle; в) in the tissue under the buccal muscle; г) in the peripharyngeal cellular space.
25	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	25. The final branch of the facial artery is: а) tonsil artery; б) ascending palatine artery; в) <u>angular artery;</u> г) mental artery.

Вариант 2

№	PO	Компетенция	Задание
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	ООП		
1	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	1. What veins run in the subcutaneous tissue of the posterior part of the knee area? a) great saphenous vein of the leg б) <u>small saphenous vein of the leg</u> B) femoral vein r) popliteal vein
2	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	2. In the posterior bone-fibrous sheath of the leg are located a) <u>foot and toe flexors with tibial nerve</u> б) extensor muscles of the foot and toes with deep peroneal nerve peroneal muscles penetrating the foot with superficial peroneal nerve
3	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	52. Access to the anterior tibial artery in the upper third of the leg is carried out along the projection line a) between tibial head and lateral malleolus б) between the head of the tibia and the medial malleolus B) <u>from the middle of the distance between the head of the fibula and the tuberosity of the tibia to the middle of the distance between the ankles</u>
4	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	53. Peroneal artery departs a) from anterior tibial б) <u>from the posterior tibial</u> B) from the middle artery of the knee joint r) from popliteal
5	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	54. What causes the possibility of mechanical damage to the common peroneal nerve at the level of the head of the fibula ? a) <u>superficial location of the nerve lying on the bone base</u> б) a feature of the division of the nerve into deep and superficial branches B) a feature of the structure of the nerve associated with underdevelopment of the myelin sheath r) location of the nerve on the lateral surface of the knee region
6	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	55 Inferior sagittal venous sinus flows into: a) transverse sinus; б) <u>straight line;</u> B) sigmoid ; r) occipital.
7	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	56. The facial nerve innervates all muscles, except for: a) mimic; б) frontal; B) occipital; z) <u>anterior belly digastric;</u>
8	PO-1 PO-5	OK-1, ДК-3,	57. Mimic muscles of the face innervate a) trigeminal nerve

	PO-7	СЛК-4, ПК-=27	<p>б) <u>facial nerve</u></p> <p>в) accessory nerve</p> <p>г) nervus vagus</p>
9	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	<p>58. At what level is the bifurcation of the common carotid artery most often located?</p> <p>а) at the angle of the mandible</p> <p>б) <u>at the level of the upper edge of the thyroid cartilage</u></p> <p>в) at the level of the hyoid bone</p> <p>at the level of the middle of the thyroid cartilage</p>
10	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	<p>59. Adjacent to the cervical region of the thoracic lymphatic duct:</p> <p>а) ascending artery of the neck;</p> <p>б) internal jugular vein;</p> <p>в) anterior scale muscle;</p> <p>г) <u>thyroid-cervical trunk;</u></p>
11	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	<p>60. How is the phrenic nerve located?</p> <p>а) along the outer edge of the anterior scalene muscle.</p> <p>б) along the posterior surface of the anterior scalene muscle,</p> <p>в) <u>along the anterior surface of the anterior scalene muscle.</u></p> <p>г) on the outer surface of the middle scalene muscle.</p>
12	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	<p>61. The lower part of the thoracic part of the thoracic lymphatic duct is enclosed between the following anatomical formations:</p> <p>а) semi-unpaired vein;</p> <p>б) <u>unpaired vein; esophagus; thoracic descending aorta;</u></p> <p>в) nervus vagus.</p>
13	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	<p>62. Mediastinum is ...</p> <p>а) a complex complex of anatomical structures and organs located in the chest cavity;</p> <p>б) <u>an anatomical concept denoting the space in the chest cavity, limited by the sheets of the mediastinal pleura, diaphragm, sternum and thoracic spine and containing a complex of anatomical structures and organs;</u></p> <p>в) a complex of organs, including the pericardium, heart, intrapericardial sections of the cardiac vessels, lungs, esophagus and other organs and limited to the sternum, diaphragm and thoracic spine.</p>
14	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-=27	<p>63. Innervation of the proper epigastric region of the anterior abdominal wall is carried out by:</p> <p>а) ilio-inguinal, ilio-hypogastric and XI-XII intercostal nerves;</p> <p>б) <u>VII -IX intercostal nerves;</u></p> <p>в) lower hypogastric plexus;</p>

			r) superior hypogastric plexus.
15	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	64. Blood supply of the jejunum of the small intestine is carried out by the branches of the arteries : a) inferior mesenteric; б) <u>superior mesenteric</u> ; в) splenic; г) common hepatic;
16	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	65. The beginning of the splenic artery contains the ligament of the stomach: a) gastro-pancreas; б) <u>gastro-splenic</u> ; в) gastro-diaphragmatic; г) gastro-hepatic;
17	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	66. Vessels adjacent to the anterior wall of the horizontal part of the duodenum: a) portal vein; б) <u>superior mesenteric artery and vein</u> ; в) inferior vena cava; inferior mesenteric artery and vein;
18	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	67. The blood supply of the sigmoid colon is carried out from the pool of the artery: a) superior mesenteric; б) common iliac; в) <u>inferior mesenteric</u> ; г) external iliac.
19	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	68. The superior rectal artery originates from the basin of the artery: a) superior mesenteric; б) internal iliac; в) external genitalia; г) <u>inferior mesenteric</u> ;
20	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	69. What nerves are located on the anterior surface of the aortic arch? a) right vagus nerve б) <u>left vagus nerve, phrenic nerve</u> в) right phrenic nerve
21	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	70. Blood supply to the descending colon is carried out at the expense of the artery: a) <u>left colon</u> ; б) left kidney; в) left testicular (ovarian); г) left gastroepiploic;
22	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	71. The transverse colon is supplied with blood from the pool: a) <u>superior and inferior mesenteric arteries</u> ; б) common hepatic artery;

			в) right gastric artery; г) right gastroepiploic artery.
23	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	72. Lymph outflow from the duodenum occurs in all the nearest collectors, except for the lymph nodes: а) portal Vein, б) inferior vena cava; в) aorta; г) <u>inferior mesenteric vein;</u>
24	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	73. Venous outflow from the sigmoid colon is carried out into the vein system: а) <u>gate ;</u> б) lower hollow and portal; в) bottom hollow; г) top hollow.
25	PO-1 PO-5 PO-7	OK-1, ДК-3, СЛК-4, ПК-27	74. Superior adrenal arteries originate from: а) renal arteries; б) abdominal aorta; в) <u>inferior phrenic artery;</u> г) superior mesenteric artery;

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Квалификация: Специалитет.

Дисциплина: ОХТА.

г. Ом -2023.

Вариант 1

№	РО ООП	Компетенция	Задание
1	РО-1 РО-5 РО-7	ПК – 4, ПК – 11, ПК – 12.	1. An artery passes through the tripartite opening of the axillary fossa. а) circumflex humerus posteriorly б) <i>envelope of the scapula</i> в) upper chest г) subscapular
2	РО-1 РО-5 РО-7	ПК – 4, ПК – 11, ПК – 12.	2. There are three fascial cases on the forearm: а) <i>anterior, posterior and lateral;</i> б) anterior, posterior and medial; в) anterior, lateral and medial; г) posterior, lateral and medial;
3	РО-1 РО-5 РО-7	ПК – 4, ПК – 11, ПК – 12.	3. The ulnar nerve arises from the brachial plexus а) <i>medial</i> б) rear в) lateral
4	РО-1 РО-5 РО-7	ПК – 4, ПК – 11, ПК – 12.	4. Quadrilateral and trilateral openings are located within the wall of the armpit: а) front; б) <i>back;</i> в) medial; г) lateral.
5	РО-1 РО-5 РО-7	ПК – 4, ПК – 11, ПК – 12.	5. What veins are located between the superficial and proper fascia of the shoulder? а) shoulder б) <i>head and main</i> в) head only г) only the main
6	РО-1 РО-5 РО-7	ПК – 4, ПК – 11, ПК – 12.	6. The posterior border of the armpit is the muscle: а) <i>the widest and large round;</i> б) small round;

			б) subscapular; г) long head of the triceps;
7	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	7. The outer ring of the femoral canal is formed by: а) aponeurosis of the external oblique muscle of the abdomen; б) aponeurosis of the transverse abdominal muscle; в) <u>superficial leaf of the wide fascia of the thigh;</u> г) a deep leaf of the wide fascia of the thigh;
8	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	8. The muscle gap in front forms: а) wide fascia of the thigh; б) <u>inguinal ligament;</u> в) ilium; г) iliac crest;
9	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	9. The superior gluteal artery departs а) from the external iliac б) from the obturator в) <u>from the internal iliac</u> г) from the common iliac
10	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	10. The common hallmark of all femoral hernias is а) their exit above the inguinal fold б) location inside of the femoral vein в) the presence of a protrusion on the thigh г) <u>their exit from under the inguinal fold</u>
11	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	11. Passes through the large sciatic foramen, carrying out the rotation of the thigh outward а) iliopsoas muscle б) <u>piriformis muscle</u> в) gluteus maximus г) psoas minor
12	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	12. The thinnest part of the cranial vault is: а) scales of the frontal bone; б) area of the mastoid process; в) <u>scales of the temporal bones;</u> г) scales of the parietal bones.
13	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	13. The trepanation triangle of the mastoid is called: а) Pirogov triangle; б) <u>Shipo's triangle ;</u> в) Kahlo's triangle ; г) Petit triangle.
14	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	14. The tendon helmet consists а) from two muscle belly б) of three muscle bellies в) of four muscle bellies г) <u>of five muscle bellies</u>

15	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	15. Purulent processes of the soft integument of the cranial vault can spread a) in subcutaneous fat б) under the aponeurotic helmet в) under the periosteum г) <u>in all of the above layers of the cranial vault</u>
16	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	16. Through the optic canal, the cavity of the orbit connects: a) with anterior cranial fossa; б) <u>with middle cranial fossa;</u> в) with posterior cranial fossa; г) with pterygopalatine fossa;
17	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	17. The pterygoid venous plexus is located: д) <u>in the temporal pterygoid cellular space;</u> е) in its own fiber under the masticatory muscle; ж) in the tissue under the buccal muscle; з) in the peripharyngeal cellular space.
18	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	18. The terminal branch of the facial artery is: д) tonsil artery; е) ascending palatine artery; ж) <u>angular artery;</u> з) mental artery.
19	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	19. The temporomandibular joint is: а) <u>complex cylindrical;</u> б) simple cylindrical; в) complex ellipsoid simple elliptical
20	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	20. How many fascia on the neck are distinguished according to the classification proposed by V.N. Shevkunenko ? а) one б) three в) four г) <u>five</u>
21	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	21. The site of formation of the phrenic nerve is г) rhomboid fossa д) cerebellopontine angle е) <u>cervical plexus</u> ж) brachial plexus
22	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	22. The superficial fascia of the neck forms a fascial sheath for : а) <u>subcutaneous muscle of the neck;</u> б) sternocleidomastoid muscle; в) trapezius muscle; г) muscles that lift the scapula;
23	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	23. The cervical nerve plexus is most often formed г) from C2-C3 д) from C3-C4

			e) from C2-C4 ж) <u>from C1-C4</u>
24	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	24. What fascia divides the neck anatomically into anterior and posterior regions? a) first б) <u>second</u> в) third г) fourth
25	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	25. The optimal point for auscultation of the tricuspid valve is : a) in the II intercostal space to the left of the sternum; б) in the II intercostal space to the right of the sternum; в) in IV intercostal space to the right of the sternum; г) <u>in a place along the anterior midline at the level of the V rib.</u>

Вариант 2

№	PO ООП	Компетенция	Задание
1	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	1. In the Canavella zone are: a) <u>motor branches of the median nerve;</u> б) motor branches of the radial nerve; в) motor branches of the ulnar nerve; г) superficial arterial arch;
2	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	2. The long nerves of the brachial plexus are г) musculocutaneous, radial nerves д) ulnar, median nerves e) <u>cutaneous nerves of the shoulder and forearm</u> ж) all of the above
3	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	3. On the palmar side of the forearm is a) one neurovascular bundle 1. two neurovascular bundles б) three neurovascular bundles e) <u>four neurovascular bundles</u>
4	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	4. Deep space Pirogov a) <u>continues in canalis carpi</u> б) does not go to the brush в) passes to the hand at the level of the bases of the metacarpal bones г) passes to the hand at the level of 1/3 of the metacarpal bones
5	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	5. Through the three-sided opening passes: г) <u>axillary nerve, artery surrounding the humerus behind;</u> д) artery surrounding the scapula;

			<p>e) axillary nerve and artery surrounding the scapula. ж) nothing goes through</p>
6	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	<p>6. The branch of the subclavian artery in the thoracic triangle is</p> <p>a) superior thoracic artery б) internal mammary artery в) thoracoacromial artery г) <u>lateral thoracic artery</u></p>
7	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	<p>7. Pass through a four-sided hole</p> <p>a) axillary nerve б) musculocutaneous nerve в) <u>axillary nerve, posterior humeral artery and vein</u> г) <u>axillary nerve, anterior surrounding humerus artery and vein</u></p>
8	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	<p>8. Ligation of the subclavian artery is most often performed</p> <p>a) proximal to the origin of the sito-cervical trunk б) <u>distal to the sito-cervical trunk</u> в) distal to the inferior thyroid artery г) proximal to costocervical trunk</p>
9	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	<p>9. Synovial sheaths of the 1st and 5th toes</p> <p>a) run along the entire foot б) end at the level of the tarsal bones в) <u>end at the level of the heads of the metatarsal bones</u> г) end at the level of the middle third of the metatarsal bones</p>
10	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	<p>10. The femoral nerve exits the iliac fossa to the thigh through :</p> <p>a) suprapiriform opening; б) pear-shaped hole; в) <u>muscle gap</u>; г) vascular lacuna</p>
11	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	<p>11. The contents of the muscle gap of the thigh are:</p> <p>a) rectus femoris; б) femoral vein; в) femoral artery г) <u>iliopsoas muscle, femoral nerve.</u></p>
12	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	<p>12. The "key" of Choparov's joint is:</p> <p>a) talonavicular ligament; б) <u>forked ligament</u>; в) deep transverse metatarsal ligament; г) interosseous cuneiform ligament;</p>
13	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	<p>13. The spread of pus from under the gluteus maximus muscle into the pelvic cavity is possible through</p> <p>a) lesser sciatic foramen</p>

			б) through a gap under the proximal part of the tendon of the gluteus maximus muscle в) <u>through the d- and pear-shaped holes</u> г) along the sciatic nerve
14	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	14. Within the brain region of the head, areas are distinguished, except for : а) unpaired fronto-parieto-occipital; б) <u>paired parotid chewing;</u> в) paired temporal; г) paired mastoid;
15	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	15. The central sulcus of the brain is called: а) <u>Rolandova ;</u> б) Silvieva ; в) Ridley ; г) Galena.
16	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	16. Within the anterior cranial fossa are located: а) <u>frontal lobes of the brain;</u> б) temporal lobes of the brain; в) frontal and temporal lobes of the brain; г) frontal and parietal lobes of the brain.
17	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	17. Anterior to the Shipo triangle is the lower section of the canal: а) hypoglossal nerve; б) optic nerve; в) <u>facial nerve;</u> г) internal carotid artery.
18	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	18. Through the round openings from the cranial cavity exit: д) optic nerves; е) <u>maxillary nerves;</u> ж) ophthalmic nerves; з) block nerves.
19	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	19. The soft integuments of the skull are а) from 3 layers б) <u>of 5 layers</u> в) of 6 layers г) from 8 layers
20	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	20. Main artery supplying the dura mater а) anterior cerebral б) middle cerebral в) posterior sheath г) <u>middle shell</u>
21	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	21. At what level is the bifurcation of the common carotid artery most often located? г) at the angle of the mandible д) <u>at the level of the upper edge of the thyroid cartilage</u> е) at the level of the hyoid bone ж) at the level of the middle of the thyroid cartilage

22	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	Where does the thoracic duct flow into more often? а) <u>into Pirogov's venous angle on the left</u> б) into Pirogov's venous angle on the right в) bilateral confluence into Pirogov's venous angle г) the thoracic duct has no permanent confluence
23	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	23. In the cervical triangle N.I. Pirogov is located: а) facial vein; б) the lower edge of the submandibular salivary gland; в) <u>lingual artery</u> ; г) awl-hyoid muscle;
24	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	24. Name the triangles of the suprahyoid region: а) scapular-hyoid б) <u>lingual</u> . в) sleepy. г) scapular-tracheal
25	PO-1 PO-5 PO-7	ПК – 4, ПК – 11, ПК – 12.	25. The cervical thoracic duct is adjacent to: д) ascending artery of the neck; е) internal jugular vein; ж) anterior scalene muscle; з) <u>thyroid-cervical trunk</u> ;

МИНИСТРЕСТВО ОБРАЗОВАНИЯ И НАУКИ

КЫРГЫЗСКОЙ РЕСПУБЛИКИ

ОШСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ

МЕЖДУНАРОДНЫЙ МЕДИЦИНСКИЙ ФАКУЛЬТЕТ

«Согласовано»

Директор департамента аккредитации

и качества образования ОшГУ

К.п.н., проф.

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« _____ » _____ 2023-г.

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« _____ » _____ 2023-г

Тестовые задачи

по срез остаточных знаний студентов 2-курса II-III семестр на 2022-2023 учебный год по направлению «Лечебное дело» шифр: 560001.

Квалификация: Специалист.

Дисциплина: Human histology.

ООП утвержденный Ученым Советом ММФ протокол № от ____ 2023 г.

г. Омск -2023.

№	РО ООП	Компетенция	Задание
1	РО-2 РО-5 РО-7	ПК-5 ПК-15 ПК-32	List what the cardiovascular system consists of? A) arteries, veins, venules, capillaries, lymphatic capillaries B) heart, arteries, veins, capillaries, venules, arteriol-venular anastomoses, lymphatic capillaries, vessels, ducts C) heart, lymph nodes, veins, capillaries, venules, lymphatic capillaries D) heart, arteries, veins, lymphatic capillaries, lymphatic vessels and ducts E) arteries, capillaries, venules, veins, lymphatic vessels and ducts, microcirculatory bed
2	РО-2 РО-5 РО-7	ПК-5 ПК-15 ПК-32	Choose, the sources of heart development are ... A) the visceral leaf of the mesoderm B) mesenchyme and visceral leaf of mesoderm C) mesenchyme and parietal leaf of mesoderm D) endoderm of the primary intestine E) nervous crest

3	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Specify the time of laying the heart during embryogenesis ... A) at 4 weeks B) at week 5 C) at 3 weeks D) at week 6 E) at 2 weeks
4	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Indicate whether the blood vessels in the human embryo develop from ... A) the mesenchyme of the yolk sac B) mesenchyma of the trunk C) the mesenchyme of the yolk sac and the mesenchyme of the trunk D) endoderms of the primary intestine E) endoderms
5	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	In the histological preparation of the heart wall between the endocardium and the myocardium, there are large cells with a light cytoplasm and an eccentrically located nucleus. What heart cells have these morphological features? A) Purkinje cells; B) contractile cardiomyocytes; C) lipocytes; D) endocrine cells; E) Cell pacemakers.
6	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Specify the sources of thyroid development? A) the ventral dorsum of the pharyngeal intestine between the I and II pairs of gill pockets B) the dorsal wall of the pharyngeal intestine between the I and II pairs of gill pockets C) epithelium III and IV pairs of gill pockets D) thickening of the coelomic epithelium of the mesentery root E) ectodermal epithelium and ganglion plate
7	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Specify the sources of development of the adrenal glands ... A) mesonephral duct and nephrogenic tissue B) thickening of the coelomic epithelium and neuroblasts of the rudiments of sympathetic ganglia C) mesenchyme in the thickness of the dorsal mesentery D) visceral splanchnotome leaf E) nephrogonotomy
8	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Specify the sources of development of the epiphysis ... A) ganglion plate B) the dorsal wall of the medulla oblongata C) the dorsal wall of the intermediate brain D) distal end of the funnel of the third ventricle E) the midbrain

9	Po-2 Po-5 Po-7	PK-5 PK-15 PK-32	Indicate the sources of development of the parathyroid gland ... A) the epithelium of the ventral wall of the pharyngeal intestine between the I and II pairs of gill pockets B) epithelium III and IV pairs of gill pockets of the pharyngeal intestine C) endoderm of the intestinal tube D) the epithelium of the dorsal wall of the pharyngeal intestine between the I and II pairs of gill pockets E) mesenchyme of the trunk
10	Po-2 Po-5 Po-7	PK-5 PK-15 PK-32	Choose which organ contains neurosecretory cells whose processes have extensions containing secretory granules and form synapses with vessels of the neurohypophysis? A) the pituitary gland B) epiphysis C) hypothalamus D) cerebellum E) the medulla oblongata
11	Po-2 Po-5 Po-7	PK-5 PK-15 PK-32	Tell us what function does the pituitary gland perform? A) synthesizes adrenaline B) regulates the activity of thyrocytes C) is the central organ of immunogenesis D) participates in hematopoiesis and immunogenesis E) is a peripheral organ of immunogenesis
12	Po-2 Po-5 Po-7	PK-5 PK-15 PK-32	Name which cells synthesize follicle-stimulating hormone? A) thyrotropocytes B) pituities C) somatotropocytes D) gonadotropocytes E) corticotropocytes
13	Po-2 Po-5 Po-7	PK-5 PK-15 PK-32	Specify which cells synthesize thyroid-stimulating hormone? A) chromophobic cells of the adenohypophysis B) thyrotropocytes C) follicular-stellate cells D) pituities E) neurosecretory cells of the supraoptic nucleus
14	Po-2 Po-5 Po-7	PK-5 PK-15 PK-32	Specify which cells synthesize adrenocorticotropic hormone? A) endocrinocytes of the glomerular zone of the adrenal cortex B) corticotropocytes C) somatotropocytes D) pinealocytes E) calcitoninocytes

15	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Choose which cells regenerate the adenohypophysis? A) gonadotropocytes B) chromophobic cells of the adenohypophysis C) follicular-stellate cells D) thyrotropocytes E) pinealocytes
16	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Crypts are detected in the histological preparation of the palatine tonsil, the epithelium of which is infiltrated by leukocytes. Specify which epithelium is part of this organ? A) stratified squamous non-keratinizing; B) stratified cubic; C) stratified ciliated; D) stratified squamous keratinizing; E) simple prismatic.
17	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	A patient visited a dentist with complaints of redness and edema of his mouth mucous membrane in a month after dental prosthesis. The patient was diagnosed with allergic stomatitis. What type of allergic reaction by Gell and Cumbs underlies this disease? A) Cytotoxic B) Anaphylactic, C) Stimulating D) Delayed type hypersensitivity E) Immunocomplex.
18	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	When the pH level of the stomach lumen decreases to less than 3, the antrum of the stomach releases peptide that acts in paracrine fashion to inhibit gastrin release. This peptide is: A) Gastrin-releasing peptide (GRP) B) Acetylcholine C) GIF D) Somatostatin E) Vasoactive intestinal peptide (VIP)
19	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Examination of a 43 y.o. patient revealed that his stomach has difficulties with digestion of protein food. Gastric juice analysis revealed low acidity. Function of which gastric cells is disturbed in this case? A) Endocrine cells B) Neck cells C) Main exocrinocytes D) Mucous cells (mucocytes) E) Parietal exocrinocytes

20	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	In the histological preparation of the glandular organ, only the serous terminal sections are determined. In the interlobular connective tissue, ducts lined with a two-layer or multi-layer epithelium are visible. Identify this organ? A) parotid gland; B) pancreas; C) liver; D) sublingual salivary gland; E) submandibular salivary gland
21	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Specify what is secreted by the main exocrinocytes of the stomach? A) hydrochloric acid B) pepsinogen C) serotonin D) mucus E) somatostatin
22	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Indicate whether the embryonic source of lung development is ... A) the dorsal wall of the primary intestine B) the ventral wall of the primary intestine C) the parietal leaf of the splanchnotome D) visceral splanchnotome leaf E) ectoderm
23	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Select, the epithelium of the tracheal mucosa ... A) single-layer flat B) multilayer flat C) single-row prismatic D) cubic E) pseudostratified ciliated
24	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Identify which epithelial cells of the trachea and bronchi produce mucus? A) secretory B) bordered C) goblet-shaped D) endocrine E) basal
25	Po-2 Po-5 Po-7	IIIK-5 IIIK-15 IIIK-32	Specify whether goblet cells synthesize ... A) surfactant components B) mucus C) serotonin D) dopamine E) adrenaline