

Документ подписан простой электронной подписью
 Информация о владельце:
 ФИО: Косенок Сергей Михайлович
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Diagnostic testing
Discipline “Physiological basis of human adaptation in the North”
Term 4

Curriculum	31.05.01
Specialty	General Medicine
Form of education	Full-time
Designer Department	Morphology and Physiology
Graduate Department	Internal diseases

Competence	Task	Answers	Type of complexity
PC-7.5	1/ Biological adaptation is the adaptation of an organism to changing external conditions in the process of	A. ontogenesis B. phylogenesis C. evolution D. embryogenesis	low
PC-7.5	2/ The process of consuming matter and energy by a cell or organism is called	A. catabolism B. anabolism C. excretion D. power supply	low
PC-7.5	3/ What stage of the stress response each person goes through many times:	A. Stage of exhaustion B. Stage of arousal C. Stage of anxiety D. All three stages	low
PC-7.5	4/ A factor that does not play a decisive role in the organization of a healthy lifestyle of a person	A. Intellectual capacity B. Socio-ecological conditions C. Chronic diseases D. Personal and motivational characteristics.	low
PC-7.5 PC-9.1	5/ To identify the range of physiological reserves of the human body, the following methods are used:	A. Test cases B. Control tests C. Functional tests D. Pilot checks	low
PC-7.5	6/ Result of adaptation:	A. Always positive B. Always negative C. Always positive for biological adaptation and negative for physiological adaptation D. Always positive for physiological adaptation E. Always positive for biological adaptation and any for physiological adaptation	medium
PC-7.5	7/ An indicator of an organism, the degree of development of which will depend more on environmental conditions, and not on heredity, is:	A. Type of higher nervous activity B. Mobility of nervous processes C. Minute blood volume	medium

		D. The nature of the electroencephalogram	
PC-7.5	8/ An indicator of an organism, the degree of development of which will depend more on heredity, and not on environmental conditions:	A. Heart rate B. Vital capacity of the lungs C. Anthropometric indicators; D. The power of nervous processes E. Muscle strength	medium
PC-7.5	9/ How will the lumen of blood vessels in the skin and internal organs change at high ambient temperatures?	A. The vessels of the skin will narrow and the internal organs will expand B. The vessels of the skin will narrow, the internal organs will narrow C. The vessels of the skin will not change, the internal organs will expand D. The vessels of the skin will dilate and the internal organs will narrow	medium
PC-7.5	10/ The reactions of organisms to the change of day and night, which are manifested in fluctuations in the intensity of physiological processes, are called ...	A. Photoperiodism B. Circadian rhythms C. Suspended animation D. Vegetative regulation	medium
PC-7.5	11/ According to the WHO definition, human health is a combination of three components, namely: physical, spiritual and spiritual ... well-being.	A. Environmental B. Cultural C. Social D. Financial	medium
PC-7.5 PC-9.1	12/ What is not an adaptation feature of indigenous peoples of the North? (choose one correct answer from the given list)	A. Short limbs; B. More fat deposition C. Sensitivity to fungal toxins D. Greater ratio of heart weight to body weight	medium
PC-7.5 PC-9.1	13/ What types of metabolism underlie the performance of all physiological functions? (select several correct answers from the given list)	A. Metabolism B. Energy exchange C. Exchange of information G. Water-salt exchange	medium
PC-7.5 PC-9.1	14/ Mobilization of physiological reserves is associated with:	A. Adaptive rearrangement of the body's homeostatic mechanisms B. Coordination of the work of individual bodies and systems C. Great resilience and stability D. the biological significance of reactions for the body.	medium

PC-7.5 PC-9.1	15/ What is meant by a change in the intensity of energy reactions, an increase in the proportion of hormonal influences, a rearrangement biochemical reactions, and an increase in the interaction of related :	A. Mobilization of functional reserves B. Mobilization of physiological reserves C. Mobilization of biochemical reserves D. Mobilization of morphological reserves	medium
PC-7.5	16/ Select morphological adaptations:	A. Build-up of muscle mass during physical work B. Increased heart function during exercise; C. Roughening of the skin of laboratory technicians working with chemical reagents D. Diversity of iris color in the Caucasian race E. Dark skin color of the Negroid race F. Increased fat breakdown during swimming	high
PC-7.5 PC-9.1	17/ Impacts that cause morphological and anatomical changes in organisms are called ...	A. Restrictive measures B. Modification services C. Signaling devices D. Irritable	high
PC-7.5	18/ The strongest feeling of cold will be with the following combination of factors:	A. Low temperature + no wind B. Low temperature + wind C. Low temperature + wind + low humidity D. Low temperature + wind + high humidity	high
PC-7.5 PC-9.1	19/ Training the body for hypoxia helps to increase the risk of hypoxia:	A. The level of hemoglobin in the blood B. Mental performance C. Physical performance D. Improves the body's immune capabilities	high
PC-7.5	20/ Adaptation of the cardiovascular system to exercise is an increase in	A. Redundant capabilities B. Functional reserves of the motor system C. Compensatory reactions D. Immune capabilities	high