




УТВЕРЖДАЮ

Заведующий кафедрой фармацевтической
и общей химии

к. фарм. н. доцент Мальцева Е. М.


24 января 2025 г.

СПИСОК ВОПРОСОВ ДЛЯ ПОДГОТОВКИ К ЗАЧЁТУ
ДИСЦИПЛИНЫ
«ФИЗИКА, МАТЕМАТИКА»
для обучающихся первого курса лечебного факультета
(иностранные студенты)
II семестр

1. Physiological Measurements Techniques
2. Computer Tomography: Microtomography, Industrial Emission Tomography, Optical Tomography
3. Physical Examination Methods: Magnetoencephalography (MEG) as Non-Invasive Imaging Technique
4. Physical Examination Methods: Magnetocardiography (MCG) as Non-Invasive Imaging Technic
5. IT-Technologies In Medicine
6. Physical Examination Methods: Magnetic Source Imaging (MSI) as Non-Invasive Imaging Technique
7. Photonics Techniques: Fiber Optics In Endoscopes And Sensors
8. Photonics Techniques: Lasers, Fluorescence, Immunoassay
9. Health Physics (Radiation Safety)
10. Investigation by physical methods of Acupuncture Points and Meridians
11. Thermographic Investigation of the Skin
12. Physical Examination Methods: X-Ray Computed Tomography
13. Physical Examination Methods: Magnetic Resonance Imaging (MRI)
14. Physical Examination Methods: Isotope and Nuclearmedical Techniques
15. Physical Examination Methods: Positron Emission Tomography
16. Medical Applications of Nuclear Physics
17. Physical Examination Methods: Electrocardiogram (ECG)
18. Physical Examination Methods: Optical Biopsy
19. Thermographic Investigation of the Skin
20. Physical Therapies: Thermotherapy
21. Physical Therapies: Hydrotherapy
22. Physical Therapies: Phototherapy
23. Physical Therapies: Ultrasoundtherapy
24. Physical Therapies: Electrotherapy
25. Physical Therapies: Magnetic Field Therapy
26. Electroacupuncture Diagnostic Methods
27. Biophysical basis of physiotherapy