Questions for individual work
of the second-year students for the III semester
1. Contribution of the A. Leeuwenhoek, L. Paster, R. Koch, P. Erlich, E. Ru, II Mechnikov D. Y. Ivanovskiy in the development of Microbiology and Immunology
2. Ukrainian School of Microbiologists
3. History of the first antibiotic discovery
5. Sites of the bacteria pathogenicity.
7. Intrauterine infection, route of the fetus infection.
8. Infection in the fetus, newborn and young children
10. Morphology and structure of clinically significant fungi. Classification of fungi
14. The phenomenon of antagonism in bacteria. The role of Ukrainian microbiologists in the development of the microbial antagonism doctrine.
15. Using of the microorganisms and enzymes in biotechnology to produce amino acids, vitamins, hormones, antibiotics.

Questions for individual work
of the second year students in the IV semester
1. Proteus, properties, types. Etiological role in septic and mixed infections, food poisoning. The role of nosocomial infections in newborns and children of all ages. Laboratory diagnosis.
2. Microbiological diagnosis of anaerobic infections caused by Fusobacteria and Bacteroides.
3. Pseudomonas aeruginosa properties. Pathogenicity to humans. The role of nosocomial infections in newborns and children of all ages. Laboratory diagnosis.
4. Examination of the catering staff, medical and child care centers staff in the carrier of infectious diseases.
5. Morganella and Providentsia genera in the etiology of acute intestinal infections and nutritional diseases.
6. Oral streptococci and their role in caries and other dental diseases.
8. Mycoplasmas of the oral cavity.

Questions for individual work
of the III course students in the V semester
1. The role of herpesvirus disease in pregnant and the newborn. Immunity, persistence.
5. Smallpox virus: origin antigens used in genetic engineering.
7. Recent advances in virology.