

**The Final Test Questions
on Epidemiology
for the 3th year students of Medical Faculty
(5th semester, 2026/2027 academic year)**

1. Basic epidemiological concepts (epidemic process; source of infection, susceptibility).
2. Basic epidemiological concepts (transmission mechanism; epidemic focus).
3. Anti-epidemic measures: grouping and orientation; criteria for choosing leading areas.
4. Disinfection: organization; types; methods; importance in the prevention and control of infectious diseases.
5. Chemical disinfectants: main groups of disinfectants; characteristics; methods of application.
6. Sterilization: types, methods, stages of sterilization.
7. Anti-epidemic work of outpatient clinics and medical and preventive organizations.
8. Immunoprophylaxis of infectious diseases: the body's immune response (primary, secondary), justification of the rational timing of the start of vaccination.
9. Immunoprophylaxis of infectious diseases: vaccination calendar, work of the vaccination office.
10. Indications and contraindications to preventive vaccinations, the concept of adverse reactions, safety of vaccination.
11. General characteristics of immunobiological drugs (vaccines, toxoids, serums, immunoglobulins).
12. Immunoprophylaxis of viral hepatitis B: characteristics of immunobiological drugs; indications; doses and methods of application; calendar; contraindications.
13. Tuberculosis immunoprophylaxis: characteristics of immunobiological drugs; indications; doses and methods of application; calendar; contraindications.
14. Polio immunoprophylaxis: characteristics of immunobiological drugs; indications; doses and methods of application; calendar; contraindications.
15. Immunoprophylaxis of measles, mumps, rubella: characteristics of immunobiological drugs; indications; doses and methods of application; calendar; contraindications.
16. Immunoprophylaxis of diphtheria and whooping cough in people who do not have contraindications to the introduction of the DPT vaccine: characteristics of immunobiological drugs; indications; doses and methods of administration; calendar; contraindications.
17. Immunoprophylaxis of diphtheria and tetanus with ADS-, ADS-M-anatoxin and AD-M-anatoxin: characteristics of immunobiological drugs; immunobiological drugs; doses and methods of application; calendar; contraindications.
18. Emergency prevention of tetanus: indications, characteristics of immunobiological drugs, selection of drugs and schemes of their use.

19. Emergency prevention of rabies: characteristics of immunobiological drugs; indications for anti-rabies vaccinations; organization of anti-rabies care.
20. Influenza immunoprophylaxis: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
21. Immunoprophylaxis of infection caused by *Haemophilus influenzae* type b: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
22. Immunoprophylaxis of viral hepatitis A: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
23. Immunoprophylaxis of pneumococcal infection: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
24. Immunoprophylaxis of papillomavirus infection: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
25. Immunoprophylaxis of coronavirus infection: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
26. Immunoprophylaxis of tick-borne encephalitis infection: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
27. Immunoprophylaxis of leptospirosis: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
28. Siberian immunoprophylaxis: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
29. Tularemia immunoprophylaxis: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
30. Plague immunoprophylaxis: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
31. Immunoprophylaxis of yellow fever: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
32. Brucellosis immunoprophylaxis: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.
33. Rabies immunoprophylaxis: characteristics of immunobiological drugs; indications; doses and methods of application; vaccination schedule; contraindications.

34. Classification of intestinal infections. The mechanism of development of the epidemic process of intestinal infections.
35. Manifestations of the epidemic process of intestinal infections, epidemiological characteristics of outbreaks of intestinal infections.
36. Fundamentals of epidemiological monitoring of intestinal infections. Medical prevention of intestinal infections.
37. Classification of aerosol infections. The mechanism of development of the epidemic process of aerosol infections.
38. Fundamentals of epidemiological monitoring of aerosol infections. Medical prevention of aerosol infections.
39. HIV infection (AIDS): the epidemic process, the basics of anti-epidemic and preventive measures
40. Viral hepatitis B, D, C: epidemic process, fundamentals of antiepidemic and preventive measures.
41. Infections related to medical care: epidemiological characteristics, fundamentals of infection control and prevention.
42. Infection control and medical prevention of infections related to medical care
43. Epidemiological characteristics of transmissible infections (tick-borne encephalitis and Lyme disease)
44. Biosafety. The concept of the national biosafety system.
45. International health regulations. Sanitary protection of the territory.

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