



**QUESTIONS FOR MODULAR CURRENT (BOUNDARY) CONTROL
"COMMUNAL HYGIENE"**

1. Population health and factors shaping it. Prevention.
2. Healthy lifestyle and ways of its formation in the population.
3. Atmospheric air as an external environment: natural chemical composition of air and its physical properties. Climate and weather: complex influence of meteorological factors on the human body.
4. Sources of atmospheric pollution. The impact of atmospheric air pollution on human health. Measures to reduce atmospheric air pollution.
5. Microclimate: definition and its properties. Hygienic requirements for the microclimate of premises.
6. The importance of air humidity, its influence on thermoregulation processes. Methods of measuring air humidity.
7. Solar radiation and its role in providing life on Earth: light climate, biological significance of the visible part of sunlight.
8. Hygienic requirements for natural lighting of premises.
9. Hygienic requirements for sources of artificial lighting.
10. Hygienic characteristics of sources of artificial lighting (incandescent lamps, fluorescent lamps, LED lamps).
11. Biological significance of the ultraviolet part of the solar spectrum. Photoophthalmia: definition, prevention when using ultraviolet with a predominant spectrum "C".
12. Sources of artificial ultraviolet radiation, their characterization of the emission spectrum and methods of application.
13. Prevention of ultraviolet insufficiency.
14. Bacterial contamination of indoor air. Sanitation of indoor air.
15. Comparative hygienic characterization of water sources.
16. Hygienic requirements for water quality of drinking water supply sources.
17. Non-centralized (local) water supply, hygienic requirements for water quality in local water supply.
18. Infectious diseases transmitted by water. Features of the course of epidemics of water origin.
19. Methods of improving the quality of drinking water.
20. Methods of water disinfection and their hygienic evaluation. Water disinfection in emergencies.
21. Methods of water chlorination, their hygienic assessment. Chlorine demand of water.
22. Methods of clarification of drinking water.
23. Norming of drinking water quality (normative documents, normed indicators).
24. Assessment of drinking water by bacteriological indicators.
25. The role of soil in the transmission of endemic, infectious, and parasitic diseases.
26. Soil contamination and self-purification.
27. Biogeochemical provinces. Endemic diseases. Prevention.