

**QUESTIONS FROM HYGIENE FOR STUDENTS OF STUDY BRANCH OF GENERAL
MEDICINE**
(oral examination)

1. Definition, main goals and roles of hygiene (environmental medicine)
2. Health risk assessment in relation to environment
3. The environment, its influences, health hazards
4. Programmes of health promotion and disease prevention
5. Methods of population health status evaluation
6. Methods of environmental factors evaluation
7. Physical properties of the atmosphere
8. Chemical properties of the atmosphere
9. Problems of air pollution
10. Influences of air pollution on humans in accidental situations
11. Biological properties of the atmosphere
12. The most important hygienic properties and composition of soil
13. Soil pollution – effects on other environmental factors
14. Health risks from soil
15. Drinking water guidelines, criteria and standards
16. Hygienic protection of water sources
17. Water and morbidity
18. Drinking water disinfection
19. Waste waters and health hazards
20. Hygienic problems of solid waste
21. Main types of radiation and influences on human health
22. Biological effects of ionizing radiation
23. Radioactivity in the environment, radon risk
24. Radioactivity in the workplace and health protection
25. Handling of radioactive waste
26. Health protection of citizens during accidental release of radioactive substances
27. Urban environment and health risks
28. Energetic and biologic value of food
29. Energy intake and energy balance
30. The importance and daily requirements on proteins, fats and saccharides
31. Vitamins and their role in the organism
32. Minerals and trace elements in nutrition
33. The principles of recommended nutritional patterns
34. Food, nutrition and health of population
35. Nutrition in children and youth
36. Different nutritional needs of seniors
37. Alternative ways of nutrition
38. Foodborne infections and intoxications
39. Food contaminants
40. Hygiene of common boarding
41. Food safety
42. Nutrition in prevention of cardiovascular diseases
43. Nutrition and oncological diseases
44. Occupation and health
45. Regimen of work and rest, fatigue
46. Work of older people, women and youth

47. Microclimate in the workplace, work in extreme temperatures
48. Lighting in the workplace
49. Hygienic aspects of electromagnetic fields and non-ionizing radiation in occupational environment
50. The influence of noise on human organism
51. Noise and vibration in the workplace, principles of occupational safety
52. Work in the extreme atmospheric pressure
53. Dust in the workplace, effects and occupational safety
54. Chemicals in the workplace, effects and occupational safety
55. Health protection at work with displays
56. Biological factors in the occupational environment
57. Psychosocial factors at work
58. Health risks and health protection at work in agriculture
59. Health impairment in the work environment, risk assessment and occupational health evaluation
60. Principles and procedures of health protection and promotion in children and youth
61. Physical and psychical development of children and primary prevention
62. Neuropsychic development of children and youth and primary prevention
63. Methods for assessment and evaluation of growth and development in children and youth
64. Principles of pre-school children care
65. Hygienic requirements on equipment and functioning of pre-school and school facilities
66. Hygienic requirements on educational process
67. Intervention programmes of health promotion and protection in children and youth
68. Hygiene of health facilities
69. Risk factors in health facilities and health protection
70. Infectious diseases in health facilities
71. Chemical risks in health facilities
72. Prevention of cardiovascular diseases
73. Risk factors of cardiovascular diseases
74. Psychoactive drug abuse and prevention of drug addiction
75. Prevention of oncological diseases
76. Prevention of diabetes mellitus
77. Prevention of osteoporosis
78. Hygienic measures in extreme situations – disasters and catastrophes
79. Hygienic measures in extreme situations – industrial accidents
80. Protection against harmful chemical and biological hazards