

**List of question for Final Modul Control. Modul 1 - Forensic medicine**  
**For applicant of the 4th year**  
**2021 – 2022 y.**

The list of theoretical questions for preparation of applicants of higher education for final module control (FMC).

1. What is forensic medicine?
2. Forensic medical examination and its types. Duties, tasks and responsibilities of the forensic medical examiner.
3. Medico-legal systems in the world.
4. Structure of the medical services in Ukraine. Bureau of the forensic medical examination, subsections.
5. Definition of the “thanatology”. Cellular and somatic death.
6. Forensic medical examination of the dead body.
7. Death. Classification.
8. Pathophysiology of dying.
9. Forensic medical significance of the terminal stage of dying. Clinical and biological death.
10. Application of the organs and tissues for the corpses for transplantation. Legal, ethical and medical aspects of transplantation.
11. Diagnostic criteria for determination of the brain death.
12. Euthanasia.
13. Cause, mechanism and manner of death.
14. Plausible and absolute signs of death. Early changes after death.
15. Late changes after death. Natural conservation of the body.
16. How to “read” nommogram?
17. Forensic medical determination of the time of death. Supravital reaction.
18. Role of forensic examiner in establishing the time of death.
19. Sudden death. Definition and signs.
20. Risk factors of sudden death.
21. Diagnostics of the death from cardiovascular disease.
22. Diagnostics of the death from respiratory system disease.
23. Diagnostics of the death from disease of the digestive system, central nervous system, the genitourinary system.
24. Sudden death of the children. Sudden Infant Death Syndrome.
25. The estimation of maturity of a newborn baby or fetus.
26. Procedural position and organization of forensic autopsy.
27. General rules, procedures and phases of the forensic autopsy.
28. Forensic medical records, which is filled during and after the autopsy.
29. Death certification.
30. Examination of the death or crime scene.

31. Duties of a specialist in forensic medicine at the examination of the corpse at the death or crime scene.
32. The methods of determination of the time of death at the death or crime scene.
33. Forensic medical capabilities of the identification an unknown person.
34. Examination of the dead body of the newborn.
35. Medico-legal questions in case of the examination of the dead body of the newborn.
36. What is infanticide? What are the risky factors of SIDS?
37. Causes of death of the newborn.
38. Forensic medical examination of the living persons.
39. Abrasion and contusion. Their forensic medical significance.
40. Laceration. Characteristics, definition and signs.
41. Self-inflicted injuries.
42. Stab wounds. Self-inflicted injures.
43. Chop and incised wounds. Differences. Dependence from manner of death
44. Questions what are resolved in case of stab, incised, chop wounds.
45. The main causes of death in cases of mechanical trauma.
46. Classification of the firearm weapon.
47. Components of the ammunition, mechanism of the shot.
48. Gunshot residue.
49. Kinetic energy of the projectile.
50. Specifics of the contact wounds.
51. Specifics of the intermediate distance wounds.
52. Specifics of the distant wounds.
53. Exit gunshot wounds.
54. Specifics of the shotgun wounds. Structure of the shotgun cartridge.
55. Medico-legal aspects pregnancy and abortion.
56. Examination of the scene in case of criminal abortion.
57. Causes of death in case of criminal abortion.
58. Asphyxia. Definition and classification.
59. Signs of asphyxia.
60. Hanging and ligature asphyxia.
61. Manual asphyxia. Gaging. Smothering.
62. Drowning.
63. Poison. Definition. Ways of the poison entering in the body.
64. The toxic and fatal dose.
65. Tolerance and idiosyncrasy.
66. Corrosive poison. Poisoning of the acids and alkalines.
67. Forensic medical diagnosis of poisons that form methemoglobin.

68. Poisoning with carbon monoxide.
69. Poisoning with ethyl alcohol and its surrogates.
70. Rules of the removal of internal organs for forensic toxicological studies and evaluation of their results.
71. Local effects of the heat on the body. Features of burns caused by various factors. Scalding.
72. General effect of high temperatures, overheating and sunstroke.
73. The local effect of cold. The degree frostbites and their morphological characteristics.
74. Forensic examination of the electrocution with technical electricity.
75. Forensic medical examination of blood.
76. Forensic medical examination of saliva, urine, sperm.
77. Forensic medical examination of hair.

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