

Portal: Questions for final examination in Forensic Medicine

Ethics of medical practice

1. Physician as a public agent
2. Physician's responsibility for medical staff
3. Responsibility of medical staff (nurse)
4. Medical responsibility (negligence)
5. Medical secret
6. Informed consent with treatment

Principles of Forensic Medicine

1. Organization of courts and prosecutions, their main tasks
2. The framework of medico-legal services
3. Medico-legal expert evidence
4. Physician as eye witness
5. Physician as expert witness

Post-mortem changes

1. Proof of death
2. Post-mortem changes
3. Early post-mortem changes
4. Cooling post-mortem
5. Hypostasis
6. Rigor mortis
7. Autolysis
8. Adipocere
9. Mummification
10. Estimation of time since death

Identification of living and deceased

1. Identification
2. Odontological identification
3. Identification of remnants of a dead body
4. Identification - forensic anthropology
5. Examination of living persons
6. Examination of dead body
7. Examination of the scene of death at homicide
8. Examination of the scene of death at suicide

Medical aspect of death

1. Autopsy: types, protocol, diagnosis
2. Types of autopsies
3. Vital reaction
4. Certification of death
5. Exhumation

Death from natural causes

1. Sudden death
2. Sudden death during pregnancy, during & after the delivery
3. Sudden death of nursing-child and children

Bodily harm

1. Evaluation of seriousness of an injury
2. Infliction of bodily harm
3. Grievous bodily harm
4. Illness from injury
5. Injury caused by cold: hypothermia
6. Burning & scalding
7. Injuries by electrical current
8. Lightning

9. Blunt injury: contusions, abrasions, lacerations
10. Clubbing to the death
11. Firearm injury
12. Blast injuries
13. Machinery injuries
14. Transportation accidents
15. Railway accidents
16. Sport and physical exercise accidents
17. Snow-slide trauma
18. Self-inflicted injury, mutilation
19. Slashed (cut) wounds
20. Incised wounds
21. Stab wounds
22. Bite marks
23. Skull fractures
24. Brain contusion
25. Epidural haemorrhage
26. Subdural haemorrhage
27. Spine fractures
28. Fall from height
29. Chest trauma
30. Abdominal trauma
31. Tumors and injury

Asphyxia

1. Asphyxia – generally (pathophysiology, types and general pathomorphology signs).
2. Suffocation
3. Smothering
4. Strangulation
5. Manual strangulation
6. Hanging
7. Choking
8. Traumatic asphyxia
9. Drowning

Sexual assault

1. Illegal abortion: mechanical and chemical manner
2. Artificial abortion
3. Infanticide (mother's newborn homicide)
4. Paternity estimation
5. Unusual fulfill of sexual instinct
6. Sexual misuse
7. Rape

Evidence analysis

1. Analysis of blood stains
2. Analysis of semen stains
3. Analysis of stains of biological origin (stool, amniotic fluid, saliva)
4. Analysis of hair

Miscellaneous

1. Tetanus
2. Evaluation & compensation for handicap
3. Compensation of pain
4. Filling up of the body
5. Simulation v. dissimulation
6. Withheld of the first aid
7. Warfare compounds

Toxicology

1. Definition of a poison
2. Effect of a poison
3. Diagnosis of intoxication
4. Intoxication by acids
5. Intoxication by alkali
6. Arsenic (As)
7. Carbon monoxide (CO)
8. Proof of carbon monoxide in blood
9. Cyanides (CN)

10. Lead (Pb)
11. Nitrites (compounds of NO₂, NO₃)
12. Nitrobenzene
13. Barium (Ba)
14. Mercury (Hg)
15. Atropine
16. Chinine
17. Nicotine
18. Strychnine
19. Digitalis and strophanthine
20. Cantaridine
21. Ergot (cockle)
22. Opium
23. Tetrachlormethan
24. Trichloroethylene
25. Ethanol
26. Blood ethanol analysis
27. Drunkenness and its evaluation
28. Methanol
29. Benzodiazepines
30. Drugs in psychopharmacology
31. Insecticides
32. Snake venoms
33. Mushroom intoxication
34. Health impairment by food