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TARBET

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SYNOPSIS

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EXAMINATION CONSPECTUS ON FORENSIC MEDICINE AND TOXICOLOGY

Part 1.

- 1. Forensic medicine. The doctor in court. Medical reports and statements.
- 2. The nature and definitions of death.
- 3. Changes after death. The early changes after death.
- 4. Changes after death. Postmortem decomposition.
- 5. The examination of wounds. Wounding, injury and trauma. Classification of wounds.
- 6. The examination of wounds. Abrasions.
- 7. The examination of wounds. Bruises.
- 8. The examination of wounds. Lacerations.
- 9. The examination of wounds. Incised wounds. Chop wounds. Stab wounds.
- 10. The examination of wounds. Regional injuries- fractures of skull.
- 11. The examination of wounds. Regional injuries injuries of brain and meninges.
- 12. The examination of wounds. Regional injuries intracranial haemorrhage. Spinal injury.
- 13. Firearm and explosive injuries. Types of firearms.
- 14. Firearm and explosive injuries. Explosives.
- 15. Transportation injuries. Motor vehicle injuries.
- 16. Transportation injuries. Motor cycle injuries. Railway injuries.
- 17. Transportation injuries. Railway injuries. Aircraft fatalities.
- 18. General aspects of asphyxia.
- 19. Asphyxia. Hanging.
- 20. Asphyxia. Suffocation. Choking.
- 21. Asphyxia. Throttling. Strangulation.
- 22. Asphyxia. Traumatic asphyxia. Environmental asphyxia. Positional asphyxia. Sexual asphyxia.
- 23. Asphyxia. Immersion and drowning. Signs of immersion. Drowning.
- 24. Unexpected and sudden death from natural causes. Causes of sudden and unexpected death.
- 25. Sudden infant death syndrome ('SIDS').
- 26. Sexual offences. Types of sexual offence.
- 27. Sexual offenses. The doctor's duty in the examination of sexual offenses.
- 28. Injury due to heat, cold and electricity. Injury due to heat.
- 29. Injury due to heat, cold and electricity. Cold injury.
- 30. Injury due to heat, cold and electricity. Electrical injury.
- 31. General aspects of poisoning. The toxic and fatal dose. Factors influencing toxicity. Absorbtion.



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- 32. General aspects of poisoning. The toxic and fatal dose. Factors influencing toxicity. Distribution, biotransformation, excretion.
- 33. Alcohol. Methanol.
- 34. Drugs dependence and abuse: heroin, morphine and other opioids.
- 35. Poisoning. Barbiturates. Amphetamines. Cocaine. Cannabis.
- 36. Poisoning. Corrosive poisons.
- 37. Poisoning. Heavy metal poisoning.
- 38. Poisoning. Pesticides.
- 39. Poisoning. Gaseous poisons. Carbon monoxide. Carbon dioxide. Cyanides.
- 40. Poisoning. Strychnine.
- 41. Poisoning. Snakes.

Part 2.

- 1. Medico-legal investigation of death. The autopsy. Exhumation.
- 2. Duty of the doctor in wounding cases. Medical reports on wounding. Duty of the doctor in wounding cases.
- 3. Collection and preservation of evidence
- 4. Sexual offenses. Examination of an alleged assailant.
- 5. Transportation injuries. Moss disasters and the doctor.
- 6. The doctor's duty in firearm injuries and death.
- 7. The doctor's duty in suspected poisoning. Recognition of poisoning.
- 8. The collection and storage of samples for toxicological analysis.

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