

**Third Professional MBBS (Part I) Degree Regular/Supplementary
Examinations February 2024**

**Forensic Medicine & Toxicology
(2019 Scheme)**

Time: 3 Hours**Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Long Essays**(2x15=30)**

1. The dead body of a male recovered from a lake was brought for autopsy with alleged history of drowning.
 - a) Define and mention types drowning.
 - b) Write the probable causes of death in a case of Drowning.
 - c) Enumerate the post mortem findings in a case of Drowning.
 - d) Add a note on Cadaveric Spasm. (3+3+6+3)
2. The dead body of a male was brought for autopsy with history of alleged consumption of poison at an agricultural land. He was a farmer by profession and after dissection the stomach was having a smell of kerosene
 - a) Identify the probable poison.
 - b) Describe its mechanism of action.
 - c) Enumerate clinical features, diagnosis and treatment of the above poison.
 - d) Explain the post-mortem findings and its medico legal importance. (2+4+6+3)

Short Essays**(5x8=40)**

3. Define Hanging. Describe post-mortem findings and mechanisms of death in typical hanging
4. Describe in detail the characteristics of entry wound of rifled firearm injuries shot at varying ranges.
5. Define Inquest and describe various types of inquest held in India
6. Mention the various factors that help in estimating the time since death. Describe Rigor mortis in brief.
7. Classify mechanical injuries. Describe the various causes of death from wounds

Short Answers**(5x4=20)**

8. Estimation of age of injuries
9. Organ transplantation Act
10. Traumatic Asphyxia
11. Privileged communication
12. Battered baby syndrome

Precise Answers**(10x1=10)**

13. Conduct money
14. Kleptomania
15. Contre-coup injury
16. Hesitation cuts
17. Smothering
18. Choking of firearm
19. Carboluria
20. Surrogate mother
21. Euthanasia
22. Joule burn