

AAB0100027243204

**Third M.B.B.S. (2019) (Part - I) Examination, Winter - 2022****FORENSIC MEDICINE & TOXICOLOGY**

Total Duration : Section A+B+C = 3 Hours

Section B &amp; C Marks : 80

**SECTION - B & C****Instructions:**

- 1) Use blue/black ball point pen only.
- 2) Do not write anything on the blank portion of the question paper. Rough work should not be done on the Answer Sheets or anywhere on the Question Paper except the specific space provided for the rough work. If written anything, such type of act will be considered as an attempt to resort to unfair means.
- 3) All questions are compulsory.
- 4) The number to the right indicates full marks.
- 5) Draw diagrams wherever necessary.
- 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
- 7) Use a common answer book for Section B & C.

**SECTION - B (40 Marks)****2. Short Answer Questions (Solve any 6 Out of 7) : [6 × 5 = 30]**

- a) Carboluria.
- b) Sex chromatin.
- c) Suspended animation.
- d) Describe and discuss exhumation.
- e) Postmortem lividity along with its medicolegal significance.

f) Differentiate between poisonous and non-poisonous snakes.

g) Summons.

**3. Long Answer Questions (Solve any 1 Out of 2) : [1 × 10 = 10]**

a) Enlist the poisons acting on the proximal convoluted tubule of the kidney. Describe the mechanism of action, clinical features, treatment, and postmortem appearances in cases of mercury poisoning. [2 + 2 + 2 + 2 + 2]

b) Define rigor mortis. Describe the mechanism of development, factors affecting, and medico-legal significance of rigor mortis. Add a note on cadaveric spasm. [2 + 2 + 2 + 2 + 2]

**SECTION - C (40 Marks)**

**4. Short Answer Questions (Solve any 6 Out of 7) : [6 × 5 = 30]**

a) Cartridge to shotgun firearm.

b) Plumbism.

c) Artificial insemination.

d) What is informed consent? Discuss the importance of informed consent in medical practice.

e) Privileged Communication.

f) Vitriolage.

g) Delusions.

**5. Long Answer Questions (Solve any 1 Out of 2) : [1 × 10 = 10]**

a) What is the mechanism of death in cases of fresh water drowning and salt water drowning? Describe the postmortem features in case of death due to typical wet drowning. Add a note on hydrocution.

b) Classify thermal injuries. Describe postmortem features in death due to flame burns. Differentiate between antemortem and postmortem burns.

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