

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, LUCKNOW**MBBS DEGREE - III rd PROFESSIONAL - PART-I - REGULAR EXAMINATION - JAN 2025****FORENSIC MEDICINE & TOXICOLOGY**

TIME : 3 Hrs

Max. Marks : 100 Marks (80 Theory + 20MCQs)

NOTE:

1. Attempt all questions.
2. This question paper consists of two sections: Section A - Multiple Choice Questions and Section B - Theory Questions.
3. Both sections have different paper codes. Write correct paper code on the respective sheet.
4. Write correct MCQ paper set on OMR sheet.
5. Answer MCQs on the provided OMR sheet and theory questions on the provided answer booklet.

SECTION B - THEORY QUESTIONS

PAPER CODE : 2511230007

Long Answer Question

15 MARKS

- i) Define Autolysis and Putrefaction. 5 marks
- ii) Briefly describe the decomposition changes on the body 24 Hours after the death. 5 marks
- iii) Draw life cycle of maggots, how forensic entomology can help in evaluating time since death. 5 marks

Clinical Case Scenario based Structured Question

15 MARKS

A dead body was brought for post-mortem examination. Inquest report mentions cause of death is due to drowning. On external examination white froth coming out from nostrils, both palms and soles are soddened and sea weeds are found to be grasped by both hands. Post-mortem lividity present over upper chest, face.

- i) What is the case and mention 4 internal findings during post mortem examination which should be present in this case. 3 marks
- ii) Difference between sea water and fresh water drowning 5 marks
- iii) What is Immersion syndrome 2 marks

- iv) Difference between Emphysema aquosum and Oedema aquosum. 3 marks
- v) What are circumstances where water cannot be detected in stomach in a case of death due to drowning? 2 marks

Short Note Question (Approx 500 Words)

5 x 6 = 30 MARKS

- i) What is Asphyxia. How Carbon monoxide poisoning affects the human body.
- ii) Name different types of skull fractures. Difference between subdural and subarachnoid haemorrhage.
- iii) Discuss legal issues in artificial insemination.
- iv) What is the sequence of court procedures? What is perjury and its punishment?
- v) What are 4 D's of Medical Negligence give examples of each. What is difference between medical negligence and professional misconduct.

Short Answer Questions (Within 100 Words)

5 x 4 = 20 MARKS

- i) Features of close shot injuries in rifled firearms.
- ii) What are manifestations of plumbism? How will you manage such case?
- iii) What is Virtual Autopsy. Advantages and disadvantages.
- iv) Diagnosis of Chronic Opium abuse.
- v) Describe role of DNA profile and its application in medico legal practice