



**SECOND PROFESSIONAL M.B.B.S. DEGREE (ADDL. BATCH)  
EXAMINATION, MARCH 2011**

**FORENSIC MEDICINE AND TOXICOLOGY**

Time : Two Hours

Maximum : 40 Marks

*Answer Sections A and B in separate answer-books.  
Draw labelled diagrams wherever necessary.*

**Section A**

**I. Write short notes on :**

- 1 Mention the different criminal and Civil Courts in our country in its hierarchial order and their powers.
- 2 Mention the functions of Indian Medical Council.
- 3 Define Consent. What are the different types ? Discuss.
- 4 Write a brief account on Euthanasia and its ethical aspects.
- 5 How will you determine the age of person from a single tooth ?

(5 × 2 = 10 marks)

**II. Write short notes on :**

- 6 Mechanism of action of (a) strychnine ; and (b) zinc phosphide
- 7 Mention the medicolegal importance of age sixteen.
- 8 How will you differentiate sex from pelvis ?
- 9 What are the characteristics of a good identification mark ?
- 10 What all inferences you can make out from study of hair.
- 11 Briefly discuss Locards principle of exchange.
- 12 What are the advantages of using DNA for identification ?
- 13 Define Death. How will you diagnose death ?
- 14 What are the late changes occurring after death ? Discuss.
- 15 Describe the dissection of heart during autopsy.

(10 × 1 = 10 marks)

**Section B**

**III. Write short notes on :**

- 16 What is floatation test ? Describe the procedure and add a note on its fallacies.
- 17 Define hanging. How will you classify it ?
- 18 Enumerate autopsy findings in strangulation deaths.

**Turn over**

- 19 What is patterned injury ? Describe with examples.
- 20 What are the different types of skull fractures ? Discuss the mode of production.  
(5 × 2 = 10 marks)

IV. Write short notes on :

- 21 What is Lucid interval ? Mention its medicolegal importance.
- 22 How will you demonstrate pneumothorax during autopsy ?
- 23 What is rifling of a fire arm ? What are its benefits ?
- 24 What are the findings that you expect in a deflorated girl ?
- 25 What are the medicolegal duties of a medical practitioner in poisoning cases ?
- 26 What are the common pesticides used by farmers in your locality ? Mention its clinical features.
- 27 Define Drunkenness.
- 28 Discuss Section 84 I.P.C.
- 29 Discuss the autopsy findings in phenol poisoning.
- 30 What are the different toxic principles in snake venom.

(10 × 1 = 10 marks)