

MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

SECOND MBBS (NEW REGULATION) DEGREE EXAMINATION – MAY 2003**SUBJECT: FORENSIC MEDICINE**

Thursday, May 15, 2003

Time available: 3 Hours**Maximum Marks: 40**

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- **WRITE BRIEF, CLEAR, RELEVANT AND LEGIBLE ANSWERS**
 - **ILLUSTRATE YOUR ANSWERS WITH DIAGRAMS AND FLOW CHARTS WHEREVER APPROPRIATE**
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- 1A. Mention the 'Rights and Privileges' of a Registered Medical Practitioner.
1B. Describe 'Res Ipsa Loquitor' and 'Vicarious liability'.
(2+2 = 4 marks)
- 2A. Describe the requirements (formalities) for 'Reception order on petition' type of restraint of mentally ill person.
2B. Explain the terms 'Inquest' and 'Summons'.
(2+2 = 4 marks)
- 3A. Describe the objectives of medicolegal autopsy.
3B. Explain 'adipocere' and 'Mummification', with reference to conditions necessary for their formation and medicolegal importance.
(2+2 = 4 marks)
- 4A. Define hanging and strangulation. Mention the external features of antemortem hanging.
4B. Describe the mechanism of formation of rigor mortis and its medicolegal importance.
(2+2 = 4 marks)
- 5A. Describe the features of an 'incised wound'. Mention the causes of death in 'cut throat injuries'.
5B. Explain the terms 'Primary impact injuries', 'Secondary impact injuries' and 'Secondary injuries'. Add a note on railway spine.
(2+2 = 4 marks)
- 6A. Describe the 'Rifling' and 'Choking' in firearms.
6B. How do you estimate the percentage of burns sustained? Explain the purpose of estimating it.
(2+2 = 4 marks)
- 7A. Mention the evidentiary materials collected from a victim of rape.
7B. Explain how the 'Haase's rule' helps in assessing the gestational age.
(2+2 = 4 marks)
- 8A. Classify Neurotoxic poisons with one example each.
8B. What are the duties of a doctor in a case of suspected poisoning?
(2+2 = 4 marks)
- 9A. Describe the hospital management of a case of cobra bite.
9B. Describe the signs and symptoms and treatment of Strychnos Nux Vomica poisoning.
(2+2 = 4 marks)
- 10A. Describe the sequence of features of carbon monoxide poisoning at different blood level concentration. Add a note on 'glue sniffing'.
10B. Outline the treatment of cyanide poisoning. Mention the salient postmortem findings.
(2+2 = 4 marks)

