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MANIPAL ACADEMY OF HIGHER EDUCATION
(Deemed University)

SECOND MBBS DEGREE EXAMINATION (NEW REGULATION) – APRIL 2002

SUBJECT: FORENSIC MEDICINE
Thursday, April 25, 2002

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. Discuss in brief the term 'Professional Negligence'
- 1B. Define consent. Mention different types and add a note on informed consent. (2+2 = 4 Marks)
- 2A. What is 'dying declaration'? Explain how it differs from 'dying deposition'?
- 2B. What is 'Inquest'? Explain the types of inquest held in India now. (2+2 = 4 Marks)
- 3A. What is 'Suspended animation'? Mention the circumstances where it is seen and medicolegal significance.
- 3B. Discuss in brief the 'Negative autopsy'? (2+2 = 4 Marks)
- 4A. Write briefly on 'diatom Test' and its medicolegal significance.
- 4B. Discuss on 'Judicial hanging'. Add a note on autopsy findings in the neck in judicial hanging. (2+2 = 4 Marks)
- 5A. Define abrasion. Discuss briefly the causes and medicolegal aspects of abrasions in routine medicolegal practice.
- 5B. What is 'contre coup Injury'? Write briefly its relationship to 'coup injury'? (2+2 = 4 Marks)
- 6A. Write briefly on the mechanism and autopsy findings of 'extradural haematoma'. Add a note on 'Lucid Interval'.
- 6B. Describe the principle, procedure and the evidentiary value of 'Hydrostatic test'. (2+2 = 4 Marks)

7A. Define the term Rape. Enumerate the materials (trace evidence) to be collected from a victim of rape.

7B. Discuss section 320 I.P.C (Grievous hurt).

(2+2 = 4 Marks)

8A. Discuss the duties of Registered Medical Practitioner in a case of suspected poisoning..

8B. Describe the procedure of 'Gastric lavage'. Add a note on contra indications for performing the gastric lavage.

(2+2 = 4 Marks)

9A. Discuss the line of treatment in a case of snakebite.

9B. How will you diagnose a case of organophosphorous poisoning in casualty? Outline briefly the management of the case.

(2+2 = 4 Marks)

10A. Explain the term 'Drug dependence'. Add a note on withdrawal.

10B. Discuss the action, signs and symptoms, treatment and autopsy findings in a case of Oleander poisoning.

(2+2 = 4 Marks)

MANIPAL ACADEMY OF HIGHER EDUCATION
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SECOND MBBS DEGREE EXAMINATION (NEW REGULATION) – DECEMBER 2002

SUBJECT: FORENSIC MEDICINE

Thursday, December 12, 2002

Time available: 3 Hours

Maximum Marks: 40

- **WRITE BRIEF, CLEAR, RELEVANT AND LEGIBLE ANSWERS**
- **ILLUSTRATE YOUR ANSWERS WITH DIAGRAMS AND FLOW CHARTS WHEREVER APPROPRIATE**

- 1A. Describe how disciplinary action is initiated by State Medical Council. Enumerate the disciplinary action it can take.
- 1B. Define consent. Write on implied consent and informed consent. (2+2=4 marks)
- 2A. Discuss any FOUR criteria's under 'Gustafson's method' of determining the age of a person.
- 2B. Write briefly on the conduct of a doctor in the court witness box. (2+2=4 marks)
- 3A. What is brain stem death? Explain the criterion to diagnose brain stem death.
- 3B. Enumerate the objectives of a Medicolegal autopsy. Describe the incision of scalp and removal of brain. (2+2=4 marks)
- 4A. Explain 'secondary drowning' and its medicolegal significance.
- 4B. What is 'Café coronary'? Write briefly on its medicolegal significance. (2+2=4 marks)
- 5A. Write briefly on causes, clinical features and medicolegal aspects of scalds.
- 5B. Describe a stab wound by a dagger over the precordial area and its complications. Add a note on 'concealed punctured wound'. (2+2=4 marks)
- 6A. Write briefly on bomb explosion injuries.
- 6B. Describe in brief removal and preservation of a bullet during autopsy. (2+2=4 marks)
- 7A. Explain briefly the principle, procedure and inferences of 'Hydrostatic Test'.
- 7B. Describe the findings in a rape victim. Add a note on 'false virgin'. (2+2=4 marks)

8A. What is meant by epidemiology of poisoning? Discuss in brief an 'ideal suicidal poison' giving suitable examples.

8B. Discuss signs and symptoms and treatment of scorpion sting.

(2+2=4 marks)

9A. Describe the autopsy findings in stomach, in fatal cases of poisoning due to concentrated sulphuric and carbolic acid poisoning.

9B. Describe mode of action, signs and symptoms, treatment and medicolegal aspects of Aluminium phosphide poisoning.

(2+2=4 marks)

10A. Write briefly the action, signs and symptoms, treatment and medico legal importance of botulism.

10B. Write briefly on solvent abuse (glue sniffing).

(2+2=4 marks)

