# MANIPAL ACADEMY OF HIGHER EDUCATION
(Deemed University)

## SECOND YEAR MBBS DEGREE EXAMINATION – JANUARY 2006
### SUBJECT: FORENSIC MEDICINE (ESSAY)
Friday, January 06, 2006

Time available: 10.30 – 13.00 Hours                   Maximum Marks: 60

✍ *DRAW DIAGRAMS AND FLOW CHARTS WHEREVER APPROPRIATE*
✍ *Answer all questions.*

1.  Enumerate the different types of medical evidence. Describe in detail the recording of dying declaration.

(2+4 = 6 marks)

2.  Write short notes on:

(3×3 = 9 marks)

2A. Perjury.

2B. Corpus delicti.

2C. Delusion.

3.  Describe rigor mortis. Enumerate any FOUR conditions simulating rigor mortis.

(5+1 = 6 marks)

4.  Write short notes on:

(3×3 = 9 marks)

4A. Grounds on which Medical Termination of Pregnancy can be done.

4B. Artificial insemination.

4C. Incisions for opening the scalp and trunk during medicolegal autopsy.

5.  What constitutes grievous hurt as per section 320 IPC?  Add a note on cerebral concussion.

(4+2 = 6 marks)

6.  Write short notes on:

(3×3 = 9 marks)

6A. Dowry death.

6B. Defense wounds and fabricated wounds.

6C. Café coronary.

7. Define drunkenness. Explain the mechanism of action and the line of treatment of methyl alcohol poisoning.

(2+1+3 = 6 marks)

8. Write short notes on:

(3×3 = 9 marks)

8A. Xanthoproteic reaction.

8B. Punctate basophilia.

8C. Polygraph and Narcoanalysis.

# MANIPAL ACADEMY OF HIGHER EDUCATION

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## SECOND YEAR MBBS DEGREE EXAMINATION – JULY 2006

### SUBJECT: FORENSIC MEDICINE (ESSAY)

Thursday, July 13, 2006

Time available: 10.30 – 13.00 Hours          Maximum Marks: 60

✍ **Draw diagrams and flow charts wherever appropriate.**
✍ **Answer all questions.**

1. Explain any THREE civil responsibilities of an insane person. Add a note on Mc Naughten's rule.

   (3+3 = 6 marks)

2. Write short notes on:
2A. Cephalic index.
2B. Hostile witness.
2C. Infamous conduct.

   (3+3+3 = 9 marks)

3. Enumerate the early changes seen after death. Describe postmortem cooling.

   (2+4 = 6 marks)

4. Write short notes on:
4A. Dissection of heart.
4B. False virgin.
4C. Battered baby syndrome.

   (3+3+3 = 9 marks)

5. Explain the pathophysiology of drowning in fresh water and salt water. Add a note on Diatoms test.

   (2+2+2 = 6 marks)

6. Write short notes on:
6A. Patterned abrasion.
6B. Filigree burns.
6C. Pugilistic attitude.

   (3+3+3 = 9 marks)

7. Classify corrosives. Describe the clinical features and treatment of Sulphuric acid poisoning.

   (2+2+2 = 6 marks)

8. Write short notes on:
8A. Universal antidote.
8B. Drug automatism.
8C. Botulism.

   (3+3+3 = 9 marks)

# MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

## SECOND MBBS DEGREE EXAMINATION – NOV/DEC 2006

### SUBJECT: FORENSIC MEDICINE (ESSAY)

Friday, November 24, 2006

Time available: 10.30 – 13.00 Hours                    Maximum Marks: 60

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✍  **Draw diagrams and flow charts wherever appropriate.**
✍  **Answer all questions.**

1.  Explain with one example each, the terms 'contributory negligence' and 'therapeutic misadventure'. Add a note on vicarious liability.

$(2+2+2 = 6$ marks$)$

2.  Write briefly on:
2A. Cephalic index and sacral index.
2B. Perjury and hostile witness.
2C. Medicolegal importance of age 18 yrs and 16 yrs.

$((1\frac{1}{2}+1\frac{1}{2})+(1\frac{1}{2}+1\frac{1}{2})+(1\frac{1}{2}+1\frac{1}{2}) = 9$ marks$)$

3.  Explain the collection and preservation of viscera and body fluids for chemical analysis, when death is suspected to be due to poisoning. Mention four objectives of examination of skeletal remains.

$(5+1 = 6$ marks$)$

4.  Write briefly on:
4A. Brain stem reflexes and their pathways.
4B. Lochia and its medicolegal significance.
4C. Exhumation and second autopsy.

$(3+(1\frac{1}{2} +1\frac{1}{2})+(1\frac{1}{2} +1\frac{1}{2}) = 9$ marks$)$

5.  Explain the autopsy findings that suggest the victim was alive before being consumed by fire. What are the causes for delayed death in a victim of burns?

$(4+2 = 6$ marks$)$

6.  Write briefly on:
6A. Neck findings in a case of throttling
6B. Traumatic asphyxia and partial hanging
6C. Pathophysiology of drowning

$(3+(1\frac{1}{2} +1\frac{1}{2})+3 = 9$ marks$)$

7.  Explain the procedure of gastric lavage in an acutely poisoned patient. Mention two gastric lavage fluids and two relative contraindications for doing gastric lavage.

$(4+1+1= 6$ marks$)$

8.  Write briefly on:
8A. Tactile hallucination and delirium tremens.
8B. Oxaluria and carboluria.
8C. Manifestations of acute carbon monoxide poisoning.

$((1\frac{1}{2} +1\frac{1}{2})+(1\frac{1}{2} +1\frac{1}{2})+3 = 9$ marks$)$

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