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MANIPAL UNIVERSITY

MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2007

SUBJECT: PAPER I: BASIC MEDICAL SCIENCE AND OTHER ALLIED SUBJECTS AS APPLIED TO FORENSIC MEDICINE

Monday, April 02, 2007

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions.

1. Discuss the forensic applications of organ-specific antigens. Add a note on spectroscopic examination of blood.

(30 marks)

2. Define Shock. Discuss its pathogenesis.

(30 marks)

3. Write short notes on:
 - 3A. Racially oriented oral characteristics.
 - 3B. Inheritance of classical blood groups.
 - 3C. Examination of umbilical cord.
 - 3D. Ecboles and emmenagogues.

(10×4 = 40 marks)



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MANIPAL UNIVERSITY

MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2007

**SUBJECT: PAPER II: MEDICAL JURISPRUDENCE (ETHICS & LEGAL PROCEDURE)
AND CLINICAL FORENSIC MEDICINE**

Tuesday, April 03, 2007

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions.

1. Discuss the medical complications and forensic applications of tattooing. Add a note on tattoo pigments.

(30 marks)

2. Discuss the mechanics and complications of skull fracture. Add a note on Puppe's rule.

(30 marks)

3. Write short notes on:

3A. Discreet disclosure.

3B. Earmarks as evidence.

3C. Thought disorders.

3D. Value of medical evidence in a rape case.

(10×4 = 40 marks)



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MANIPAL UNIVERSITY

MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2007

SUBJECT: PAPER III: PATHOLOGY AND TOXICOLOGY

Wednesday, April 04, 2007

Time: 3 Hrs.

Max. Marks: 100

☞ **Answer all the questions.**

1. Discuss the post-mortem changes of forensic importance. Add a note on post-mortem damage by predators.

(30 marks)

2. Describe the macroscopic dye (colour) techniques that aid diagnosis at an autopsy. Add a note on pyrogallol test.

(30 marks)

3. Write short notes on:

3A. Crime scene photography.

3B. Diagnosis of brain stem death.

3C. Carbon monoxide poisoning.

3D. Periligature injuries in hanging.

(10×4 = 40 marks)



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MANIPAL UNIVERSITY

MD (FORENSIC MEDICINE) DEGREE EXAMINATION – APRIL 2007

SUBJECT: PAPER IV: RECENT ADVANCES IN FORENSIC MEDICINE AND TOXICOLOGY

Thursday, April 05, 2007

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions.

1. Discuss the psychopathology of violence. Add a note on the emotionally and physically abused child.

(30 marks)

2. Explain the guidelines for medical examination of a workman as per the Workmen's compensation Act. Add a note on disability certificate.

(30 marks)

3. Write short notes on:

3A. Golden crescent and golden triangle.

3B. Marine toxins.

3C. Punishment and disciplinary action as per the Indian Medical Council Regulations, 2002.

3D. Evaluation of a psychological autopsy.

(10×4 = 40 marks)

