

April 2001

[KD 546]

Sub. Code : 4067

SECOND M.B.B.S. DEGREE EXAMINATION.

(Non-Semester)

(Revised Regulations)

Paper VII — FORENSIC MEDICINE

(INCLUDING MEDICAL JURISPRUDENCE AND
TOXICOLOGY)

Time : Three hours

Maximum : 100 marks

Two and a half hours

Theory : 70 marks

for Theory

MCQ : 30 minutes

MCQ : 30 marks

M.C.Q. must be answered separately on the answer
sheet provided.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

1. Differentiate between still birth and live birth.
Describe features of live birth. (15)

2. Define drunkenness. Describe clinical features,
treatment and post-mortem appearances of methanol
poisoning. (15)

3. Write short notes on :

(8 × 5 = 40)

- (a) Post-mortem calorificity
- (b) Hyoid bone
- (c) Abrasion collar
- (d) Sexual perversions
- (e) Polygraph
- (f) Dying declaration
- (g) Consent
- (h) Phytotoxin.

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TOXICOLOGY)**

Time : Three hours

Maximum : 100 marks

Two and a half hours

Theory : 70 marks

for Theory

MCQ : 30 minutes

MCQ : 30 marks

M.C.Q. must be answered separately on the answer
sheet provided.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

1. Enumerate the changes that occur in the body after death, briefly describe the Rigor mortis. (15)
2. Describe the signs and symptoms, diagnosis, treatment and post-mortem appearances in case of barbiturate poisoning. (15)

3. Write short notes on :

(8 × 5 = 40)

- (a) Dying declaration
- (b) Infamous conduct
- (c) Delusion
- (d) Section 375 of Indian Penal Code
- (e) Run amok
- (f) Gustafson's method
- (g) Cafe coronary
- (h) Post mortum Appearance of Drowning.

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Paper VII — FORENSIC MEDICINE

(Including Medical Jurisprudence and Toxicology)

Time : Three hours

Maximum : 100 marks

Two and a half hours

Theory : 70 marks

for Theory and 30 minutes

MCQ : 30 marks

for MCQ

MCQ must be answered separately on the answer sheet provided.

Section A and B to be answered in the same answer book.

Answer ALL questions.

Draw suitable diagrams wherever necessary.

SECTION A

Classify Asphyxial forms of death. Describe the post mortem findings in case of death due to hanging.

(15)

2. Write short notes on : (4 × 5 = 20)

- (a) Expert witness.
- (b) Superfoetation.
- (c) Acute lead poisoning.
- (d) Vicarious liability.

SECTION B

3. How will you diagnose a case of poisoning? Mention the duties of a doctor attending on a case of poisoning. (15)

4. Write short notes on : (4 × 5 = 20)

- (a) Stupefying agents.
- (b) Changes in the eye after death.
- (c) Hallucination.
- (d) Dowry deaths.

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Paper VII — FORENSIC MEDICINE

(Including Medical Jurisprudence and Toxicology)

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

MCQ : Twenty minutes

MCQ : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) Classify mechanical injuries. Mention the difference between lacerations and incised wounds.

(2) Classify poisons. Outline the general lines of management of a case of acute poisoning.

II. Write short notes on : (10 × 5 = 50)

- (a) Superimposition
- (b) Collection of evidence in rape cases
- (c) Signs of recent delivery in the dead
- (d) Tatoo marks
- (e) Consumer protection act
- (f) Criminal responsibility of mentally ill person
- (g) Method of examination of heart in autopsy
- (h) Concept of brain death
- (i) Medicolegal aspects of artificial insemination
- (j) Locards principle of exchange.

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II. Write short notes on : (10 × 5 = 50)

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Paper VII — FORENSIC MEDICINE

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Time : Three hours Maximum : 100 marks

Theory : Two hours and forty minutes Theory : 80 marks

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) Classify the Postmortem changes. Describe the muscular changes in a dead body.

(2) What are the functions of State Medical Councils? Outline the examples of serious professional misconduct contained in the warning notice.

- (a) Medicolegal importance of age.
- (b) Objectives of Medicolegal Autopsy.
- (c) Duties of Medical practitioner in the cases of poisoning.
- (d) Section 320 I.P.C.
- (e) Testamentary capacity in insanity.
- (f) Signs of virginity.
- (g) Salient Postmortem findings in Drowning.
- (h) Magistrate's Inquest.
- (i) Rules of Medical Termination of Pregnancy.
- (j) Plumbism.

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Paper VII — FORENSIC MEDICINE

(Including Medical Jurisprudence and Toxicology)

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay : (2 × 15 = 30)

(1) What is medical negligence? Describe the ingredients of negligence. Explain any four defences against negligence.

(2) Describe the signs, symptoms and treatment of Plumbism.

II. Write short notes on : (10 × 5 = 50)

- (a) Informed consent
- (b) Hallucinations
- (c) Precipitin test
- (d) Features of maceration
- (e) Features of a stab wound
- (f) Contre-coup injury
- (g) Significance of hyoid bone in asphyxial deaths
- (h) Cadaveric spasm
- (i) Mixed dentition
- (j) Cafe coronary.

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II. Write short notes on :

(10 × 5 = 50)

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Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay :

(2 × 15 = 30)

(1) Describe the different causes of death and the Post mortem changes in a case of death due to Hanging. Enumerate the differences between hanging and ligature strangulation.

(2) Describe the signs and symptoms and the treatment of poisoning by Methyl Alcohol.

- (a) Hostile witness.
- (b) Professional secrecy.
- (c) Reception order on Petition.
- (d) Indescent assault.
- (e) Fabricated wounds.
- (f) Sudden infant death syndrome.
- (g) Mc Naughten Rules.
- (h) Toxalbumins.
- (i) Grievous hurt.
- (j) Gastric lavage.

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II. Write Short notes on :

(6 × 5 = 30)

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Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Write Essay :

(1) Classify Mechanical injuries. Describe the various types of fractures of the skull. What is Contre-coup injury. (20)

(2) Define the term professional misconduct. Discuss how disciplinary control over medical profession is exercised. (15)

(3) Define Rape. Describe the procedure of examination of a victim of rape. Add a note on materials to be preserved during examination. (15)

(1) Testamentary capacity.

(2) Artefacts

(3) Filigree burns

(4) Dowry deaths

(5) Cardiac poisons

(6) Forensic science laboratory

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(Non-Semester)

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Paper VII — FORENSIC MEDICINE

(Including Medical Jurisprudence and Toxicology)

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Write Essays :

1. What is identification? What are the different data used for identification of a person? (20)
2. Discuss the Patho-Physiology of drowning and add a note on Post mortem findings and causes of death in drowning? (15)

3. Classify poisons? Describe the signs, symptoms and treatment in acute barbiturate poisoning? (15)

4. Write short notes on : (6 × 5 = 30)

- (a) Res-ipsa loquitor.
- (b) Inquest.
- (c) Feigned insanity.
- (d) MTP Act - 1971.
- (e) Delirium tremens.
- (f) Artificial insemination.

