

[KD, 182]

Sub. Code : 2086

M.D. DEGREE EXAMINATION.

Branch XIV — Forensic Medicine

(Revised Regulations)

Paper IV — FORENSIC TOXICOLOGY, FORENSIC
PSYCHIATRY AND MEDICAL JURISPRUDENCE

Time : Three hours \ Maximum : 100 marks

Answer ALL questions.

1. Discuss "Many doctors still labour under the illusion that for each Poison there is a specific antidote". (25)
 2. Discuss in details the various defences a doctor can take in case of a tort. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Sec 53 JPC.
 - (b) Run Amock.
 - (c) Neutron Activation Analysis.
 - (d) Postmortem finding in a case of celphor poisoning.
 - (e) Feigned insanity.
-

November-2001

[KE 182]

Sub. Code : 2086

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XIV — Forensic Medicine

Part II

Paper IV — FORENSIC TOXICOLOGY, FORENSIC —
PSYCHIATRY AND MEDICAL JURISPRUDENCE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Write an essay on Viscera Analysis and what are poison Centres. (25)
 2. Discuss about the relevance of Medical Ethics in present days and briefly write on Euthanasia. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Plumbism.
 - (b) Feigned insanity and method of certification.
 - (c) Criminal laws and insanity.
 - (d) Meladies of chronic alcoholism.
 - (e) Precautions and Defences in case of Negligence.
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[KG 182]

Sub. Code : 2086

M.D. DEGREE EXAMINATION.

Forensic Medicine

Part II

Paper IV — FORENSIC TOXICOLOGY, FORENSIC
PSYCHIATRY AND MEDICAL JURISPRUDENCE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Define Infamous conduct in professional respect, give examples and describe the procedures followed by the disciplinary committee. (25)
 2. Discuss the medicolegal aspects of drunkenness, Outline the steps of examination of a drunken person. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Diagnosis of poisoning in the living and dead.
 - (b) Restraint of insane.
 - (c) Unfit to plead.
 - (d) Vicarious responsibility.
 - (e) Cyanide poisoning.
-

[1 H 182]

Sub. Code : 2086

M.D. DEGREE EXAMINATION.

(Revised Regulations)

Branch XIV — Forensic Medicine

Part II

Paper IV — FORENSIC TOXICOLOGY, FORENSIC
PSYCHIATRY AND MEDICAL JURISPRUDENCE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the Indian Law on Criminal Responsibility in Mental Diseases, tracing its evolution. Give suggestions to overcome its drawbacks. (25)
 2. Discuss the Forensic aspects of Chronic Mercurial poisoning. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Novus Actus Interveniens
 - (b) Medical Indemnity Insurance
 - (c) Truth serum
 - (d) Civil malpraxis
 - (e) Sewer gas poisoning.
-

April-2003

[KI 182]

Sub. Code : 2086

M.D. DEGREE EXAMINATION.

Forensic Medicine

Part II

Paper IV — FORENSIC TOXICOLOGY, FORENSIC
PSYCHIATRY AND MEDICAL JURISPRUDENCE

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the ingredients of medical negligence with suitable examples and describe the various defences available to a doctor in a case of negligence. (25)
 2. Describe the clinical features, treatment and postmortem appearances in a case of Carbon monoxide poisoning. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Dying declaration
 - (b) Procedure for stomach wash
 - (c) Infamous conduct
 - (d) Rights of a patient
 - (e) Chronic lead poisoning.
-

[KJ 182]

Sub. Code : 2086

3. Short Notes : (10 × 5 = 50)

M.D. DEGREE EXAMINATION.

Forensic Medicine

Part II

Paper IV — FORENSIC TOXICOLOGY, FORENSIC
PSYCHIATRY AND MEDICAL JURISPRUDENCE

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

M.C.Q. must be answered **SEPARATELY** on the
answer sheet provided as per the instructions on the
first page of M.C.Q. Booklet.

Answer **ALL** questions.

Draw suitable diagrams wherever necessary.

1. Describe the mode of action, clinical features, treatment and post mortem findings in organophosphorus poisoning. (15)
2. Discuss the criminal responsibility of an insane. (15)

- (a) Duties of doctor in a poisoning case.
- (b) Neutron Activation Analysis.
- (c) Causes of death in snake bite.
- (d) Vegetable cardiac poisons.
- (e) Methyl Alcohol poisoning.
- (f) Treatment of cyanide poisoning.
- (g) Res Ipsa loquitur.
- (h) Infamous conduct.
- (i) Therapeutic misadventure.
- (j) Euthanasia.

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Sub. Code : 2086

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

M.D. DEGREE EXAMINATION.

Forensic Medicine

Part II

Paper IV — FORENSIC TOXICOLOGY, FORENSIC
PSYCHIATRY AND MEDICAL JURISPRUDENCE

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. Essay : (2 × 15 = 30)

(1) Mention the actions of poisons in the body. Describe the methods of Diagnosis of poisoning in the living and the dead. Mention the duties of a doctor in a case of poisoning.

(2) Define Malpraxis. Discuss the proof for Malpraxis and the defences available for a doctor in a case of Malpraxis.

- (a) Consumer Protection Act
- (b) Civil responsibility of mentally ill person
- (c) Consent in Medical practice
- (d) Differential diagnosis for opium poisoning
- (e) Botulism
- (f) Amentia
- (g) Hallucinogens
- (h) Chronic mercury poisoning
- (i) Documentary evidence
- (j) Viper bite.

[KQ 156]

Sub. Code : 2084

II. Short notes :

(6 × 5 = 30)

M.D. DEGREE EXAMINATION.

Branch XIV — FORENSIC MEDICINE

FORENSIC TOXICOLOGY, FORENSIC PSYCHIATRY
AND MEDICAL JURISPRUDENCE

(Paper IV — Old/New/Revised Regulations)
(Candidates admitted from 1988-89 onwards)

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. Essay :

(1) Describe the various types of Medical Negligence. What advice you give to a practicing surgeon regarding the precautions to avoid a charge of negligence. (20)

(2) Discuss the Civil and Criminal Responsibilities of a mentally ill person. (15)

(3) Discuss the Forensic aspects of Poisonous Plants of India. (15)

- (a) PNDT Act.
 - (b) Drug abuse.
 - (c) Mental Health Act.
 - (d) Consent in Medical Practice.
 - (e) Organ Transplantation.
 - (f) Automatism.
-

[KQ 157]

Sub. Code : 2085

M.D. DEGREE EXAMINATION.

(Candidates admitted from 2004 – 2005 onwards)

Paper IV — FORENSIC TOXICOLOGY, FORENSIC
PSYCHIATRY AND MEDICAL JURISPRUDENCE
AND RECENT ADVANCES

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. Essay :

1. Describe the Medico Legal duties of a doctor in a case of Suspected/Actual Poisoning; Enumerate the qualitative bed side tests, and quantitative tests in the analytical methods and recent advances of analysis, in a case of unknown Poisoning. (20)

2. Describe the various methods of Restraint of Mentally Ill person ; Discuss the civil responsibilities of the Mentally Ill person. (15)

3. Discuss the various categories of serious professional misconduct. What are the defenses for the doctor in a case of Medical Negligence. (15)

II. Short notes : (6 × 5 = 30)

(a) Doctrine of Informed Consent in Medical Practice

(b) Chelating Agents

(c) Legal aspects of Marriage Annulment

(d) Hydrargyrium

(e) Signs and Symptoms related to disturbances of Perception

(f) Section 84 of Indian Penal Code.

[KR 167]

Sub. Code : 2063

M.D. DEGREE EXAMINATION.

Branch XIV — Forensic Medicine

FORENSIC TOXICOLOGY, FORENSIC PSYCHIATRY
AND MEDICAL JURISPRUDENCE

(Paper IV — Old/New/Revised Regulations)

(Candidates admitted from 1988-89 onwards)

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.

I. Write an Essay on :

(1) Medicolegal investigation of death due to various gaseous poisons. Add a note on the preventive aspects of atleast some of them. (20)

(2) Symptoms of mental illness, the diagnosis and certification in such situations. (15)

(3) "Nowadays Malpractice is the day to day practice in many Government and Private hospitals in India" - Discuss for and against. (15)

II. Write short notes on :

(6 × 5 = 30)

(a) Anaesthetic deaths

(b) Consent.

(c) Brain Mapping.

(d) Hemlock.

(e) Bioethics.

(f) Genomes.

MARCH 2008**[KS 155]****Sub. Code : 2050**

M.D. DEGREE EXAMINATION.

Branch XIV — Forensic Medicine

(Common to all candidates)

Paper IV — FORENSIC TOXICOLOGY, FORENSIC PSYCHIATRY
AND MEDICAL JURISPRUDENCE AND RECENT ADVANCES**Q.P. Code : 202050**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

- I. Write essay : (2 × 20 = 40)
1. Write an essay on anaesthetic deaths.
 2. When does the "burden of proof" shift to a doctor defendant in a trial for professional negligence? What are the possible lines of defense for him?
- II. Write short notes on : (10 × 6 = 60)
1. McNaughten's rule.
 2. Dying deposition.
 3. Bacterial food poisoning.
 4. Mens rea.
 5. Marsh test.
 6. Truth Serum.
 7. Death inside a locked car.
 8. Colour tests in poisoning.
 9. Hemlock.
 10. Knock out drops.
-

September 2008

[KT 155]

Sub. Code: 2050

M.D. DEGREE EXAMINATION

Branch XIV – Forensic Medicine

**Paper IV – FORENSIC TOXICOLOGY, FORENSIC
PSYCHIATRY AND MEDICAL JURISPRUDENCE
AND RECENT ADVANCES**

(Common to all Regulations)

Q.P. Code : 202050

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Discuss in detail the public duties of the registered medical practitioner.
2. What is the relevance of Indian Mental Act 1987 in relation to criminal responsibility and Indian lunacy Act of 1912? Discuss in detail.

II. Write short notes on :

(10 X 6 = 60)

1. Ophitoxaemia.
 2. Antidotes for insecticides.
 3. Phossy jaw.
 4. Poison information center.
 5. Designer drugs.
 6. Liquor tragedies.
 7. Clinical and urinary findings in barbiturate poisoning.
 8. Euthanasia.
 9. Chain of custody.
 10. Jehovah's witness.
-

March 2009

[KU 155]

Sub. Code: 2050

M.D. DEGREE EXAMINATION

Branch XIV – FORENSIC MEDICINE

(Common to all candidates)

**Paper IV – FORENSIC TOXICOLOGY, FORENSIC PSYCHIATRY
AND MEDICAL JURISPRUDENCE
AND RECENT ADVANCES**

Q.P. Code : 202050

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions : (2 x 20 = 40)

1. Discuss the drug induced psychosis and its criminal responsibility.
2. Define drunkenness. Discuss the medical examination and its interpretation in a case of drunkenness.

II. Write short notes on : (10 x 6 = 60)

1. Dangerous drugs amendment act.
2. Enzyme histochemistry.
3. Treatment of cyanide poisoning.
4. Chelating agents.
5. Professional death sentence.
6. Scorpion bite.
7. Cardiac poisons.
8. Paternity tests.
9. War gases.
10. Psychological autopsy.

March 2010

[KW 155]

Sub. Code: 2050

M.D. DEGREE EXAMINATION

Branch XIV – FORENSIC MEDICINE

(Common to all candidates)

**Paper IV – FORENSIC TOXICOLOGY, FORENSIC PSYCHIATRY
AND MEDICAL JURISPRUDENCE
AND RECENT ADVANCES**

Q.P. Code : 202050

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 x 20 = 40)

1. Describe the various methods of restraint of a mentally ill person. Add a note on the mental health act.
2. Discuss Indian Medical Council (Professional conduct, etiquette and ethics) regulations 2002.

II. Write short notes on :

(10 x 6 = 60)

1. Plumbism.
2. Organ transplantation act.
3. PNMT act.
4. Ethical issues in experimentation on healthy volunteers.
5. Ethical issues in the treatment of a HIV positive prisoner.
6. Medical maloccurrence.
7. War gases.
8. Automatism.
9. Antabuse.
10. Laboratory investigations in Organo phosphorus poisoning.

MAY 2011

[KY 155]

Sub. Code: 2050

M.D. DEGREE EXAMINATION
BRANCH XIV – FORENSIC MEDICINE
FORENSIC TOXICOLOGY, FORENSIC PSYCHIATRY
AND MEDICAL JURISPRUDENCE AND RECENT ADVANCES

Q.P. Code : 202050

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
I. Essay:			
1. Discuss Ethics and Laws of organ transplantation.	6	15	10
2. Define Ophitoxaemia. Discuss its signs, symptoms, treatment and medicolegal importance.	6	15	10
II. Short Questions:			
1. Road side poisons.	3	8	5
2. Hemlock.	3	8	5
3. Doping.	3	8	5
4. Drug automatism.	3	8	5
5. Colour tests in poisoning.	3	8	5
6. Mc.Naughten's rule.	3	8	5
7. Narco analysis.	3	8	5
8. Polygraph.	3	8	5
III. Reasoning Out:			
1. Changing trends of poisoning in India.	4	10	5
2. Consent in medical practice.	4	10	5
3. Doctors and Media.	4	10	5
4. Death inside a locked car.	4	10	5
IV. Very Short Answers :			
1. Hippus.	1	4	2
2. Drug Habituation.	1	4	2
3. Truth serum.	1	4	2
4. Phytotoxin.	1	4	2
5. Impulse.	1	4	2
6. Obsession.	1	4	2
7. Cannibalism.	1	4	2
8. Oxaluria.	1	4	2
9. Delirium tremens.	1	4	2
10. Spider poisoning.	1	4	2

APRIL2012

[LA155]

Sub. Code: 2050

**M.D. DEGREE EXAMINATION
BRANCH XIV – FORENSIC MEDICINE
FORENSIC TOXICOLOGY, FORENSIC PSYCHIATRY
AND MEDICAL JURISPRUDENCE AND RECENT ADVANCES**

Q.P. Code : 202050

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

**Pages Time Marks
(Max.) (Max.) (Max.)**

I. Essay:

- | | | | |
|---|---|----|----|
| 1. Define Infamous contact in professional aspect.
Give examples and describe procedures followed
by disciplinary committee. | 9 | 15 | 10 |
| 2. Discuss various ingredients of Medical Negligence.
Give brief account of defense available to the Doctor in a
case of Negligence Suit. | 9 | 15 | 10 |

II. Short Questions:

- | | | | |
|---|---|---|---|
| 1. Diagnosis of Poisoning in Living and Dead. | 3 | 8 | 5 |
| 2. Restraint of Insane. | 3 | 8 | 5 |
| 3. Medical Indemnity Insurance. | 3 | 8 | 5 |
| 4. Rights of a patient. | 3 | 8 | 5 |
| 5. Cause of death in Snake Bite. | 3 | 8 | 5 |
| 6. Therapeutic misadventures. | 3 | 8 | 5 |
| 7. Corneal grafting Act. | 3 | 8 | 5 |
| 8. Differential Diagnosis of Opium Poisoning. | 3 | 8 | 5 |

III. Reasoning Out:

- | | | | |
|---|---|----|---|
| 1. Presumption in favour of legitimacy. | 5 | 10 | 5 |
| 2. Poison and colour of Urine. | 5 | 10 | 5 |
| 3. Types of oral evidence. | 5 | 10 | 5 |
| 4. Polygraph and brain finger printing. | 5 | 10 | 5 |

IV. Very Short Answers :

- | | | | |
|---------------------------|---|---|---|
| 1. Psychopath. | 1 | 4 | 2 |
| 2. Somnambulism | 1 | 4 | 2 |
| 3. Vitriolage. | 1 | 4 | 2 |
| 4. Onchronosis. | 1 | 4 | 2 |
| 5. Flash back Phenomenon. | 1 | 4 | 2 |
| 6. Lung irritants. | 1 | 4 | 2 |
| 7. Snake Venom. | 1 | 4 | 2 |
| 8. Medical Maloccurrence. | 1 | 4 | 2 |
| 9. Malingering | 1 | 4 | 2 |
| 10. LSD | 1 | 4 | 2 |

[LB155]

OCTOBER 2012

Sub. Code: 2050

**M.D. DEGREE EXAMINATION
BRANCH XIV – FORENSIC MEDICINE
FORENSIC TOXICOLOGY, FORENSIC PSYCHIATRY
AND MEDICAL JURISPRUDENCE AND RECENT ADVANCES**

Q.P. Code : 202050

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

	Pages (Max.)	Time (Max.)	Marks (Max.)
I. Essay:			
1. Mention the actions of Poisons in the body. Describe the methods of diagnosis of poisoning in living and Dead. Mention the duties of a doctor in a case of poisons.	9	15	10
2. Code of Medical Ethics of Indian Medical Council and its relevant to present day Medical Practice.	9	15	10
II. Short Questions:			
1. Hallucinogens.	3	8	5
2. PNDT act.	3	8	5
3. Hydrargyrisim.	3	8	5
4. Chelating agents.	3	8	5
5. Hemlock.	3	8	5
6. Colour test in poison.	3	8	5
7. Workman's Compensation Act.	3	8	5
8. Identity features of poisonous snake.	3	8	5
III. Reasoning Out:			
1. Neurotoxic venomous snake bite.	5	10	5
2. Civil Responsibilities of Insane.	5	10	5
3. Negligent Homicide.	5	10	5
4. Dangers of Tourniquets, compression in snake bite.	5	10	5
IV. Very Short Answers :			
1. Melancholia.	1	4	2
2. Delirium.	1	4	2
3. Demulcents.	1	4	2
4. Ophitoxaemia.	1	4	2
5. Phytotoxin .	1	4	2
6. Sternutators.	1	4	2
7. Henry's law .	1	4	2
8. Courts of Law.	1	4	2
9. Informed consent.	1	4	2
10. Corporate Negligence.	1	4	2

(LC 155)

APRIL 2013

Sub. Code: 2050

M.D. DEGREE EXAMINATION
BRANCH XIV – FORENSIC MEDICINE
FORENSIC TOXICOLOGY, FORENSIC PSYCHIATRY
AND MEDICAL JURISPRUDENCE AND RECENT ADVANCES
Q.P. Code : 202050

Time: Three Hours

Maximum: 100 marks

I. Essay: **(2X10=20)**

1. What is the relevance of Indian Mental Act 1987 in relation to criminal responsibility and Indian Lunacy Act 1912? Discuss in detail.
2. Code of Medical Ethics of Indian Medical Council and its relevant to present day Medical Practice.

II. Short Questions: **(8X5=40)**

1. Find Insanity
2. Therapeutic Misadventures.
3. PNDT ACT
4. Management of Adulterated Ethyl Alcohol Poison
5. Rights of a patient
6. Colour Test in poison.
7. Newer Antidotes
8. Cause of Death in Snake Bite

III. Reasoning Out: **(4X5=20)**

1. Negligent Homicide
2. Types of Oral evidence
3. Civil Responsible of Insane
4. Autopsy finding in detail due to Radiation

IV. Very Short Answers: **(10X2=20)**

1. Euthanasia
2. Psychopath
3. Demulcent.
4. Mental Health Act.
5. Lie Detection .
6. Informed Consent
7. Flash Back phenomenon
8. Lead palsy
9. Lung Irritants
10. Phytotoxin

[LE 155]

APRIL 2014

Sub. Code: 2050

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

**FORENSIC TOXICOLOGY, FORENSIC PSYCHIATRY
AND MEDICAL JURISPRUDENCE AND RECENT ADVANCES**

Q.P. Code :202050

Time : Three Hours

Maximum : 100 marks

Answer ALL questions in the same order.

I. Essay:

(2 x 10 = 20)

1. Write about responsibilities of an insane and compare Sec 84 IPC with Laws of Criminal responsibilities of insane of other countries.
2. Write in detail about duties of RMP and add a note about CRIMINAL NEGLIGENCE.

II. Short Questions:

(8 x 5 = 40)

1. Write about ENVIRONMENTAL poisoning.
2. Write about VOLATILE substance abuse.
3. Write about RODENTICIDES.
4. Write about PLANT PENICILLIN.
5. Write about SALT OF SORREL poisoning.
6. Write about Bacterial food poisoning.
7. Write in detail about exceptions of PROFESSIONAL SECRECY.
8. Write briefly about recent advances in establishing identity.

II. Reasoning Out:

(4 x 5 = 20)

1. Mc Ewan's sign to be checked in comatose patients.
2. All IMFL are called as RUM in Western Countries.
3. Chain of Custody to be maintained while handling crime properties.
4. Chronic alcoholics suspect their wife's chastity.

IV. Very Short Questions:

(10 x 2 = 20)

1. Metal fume fever.
2. Thallium poisoning.
3. Congeners.
4. Lathyrism.
5. Sec 53 IPC.
6. Juvenile Courts.
7. Novus actus interveniens.
8. Illusion.
9. Impulse.
10. Somnolentia.
