

[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.
-

[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.
-

[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.
-

[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.

[KL 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

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 an Essay on : (2 × 15 = 30)

(1) Discuss Mental disorder and legal
Responsibilities.

(2) Discuss various ingredients of medical
negligence. Give a brief account of the defence available
to the doctor in case of negligence suit.

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

(a) Legality of euthanasia

(b) Testamentary capacity

(c) Professional misconduct

(d) Cerebra Thevetia

(e) Law related to sale of poisons

(f) Novus actus interveniens

(g) Medical indemnity insurance

(h) Truth serum

(i) Civil malpraxis

(j) Corneal grafting act.

[KM 182]

Sub. Code : 2086

II. Write short notes on :

(10 x 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 forty minutes	Theory : 80 marks
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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.

[KO 182]

Sub. Code : 2086

M.D. DEGREE EXAMINATION.

Branch XIV — Forensic Medicine

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. Describe medical negligence with suitable examples. What precautions are to be taken to avoid a charge of negligence? What are the defences available? Add a note on Consumer Protection Act.

2. Discuss the civil and criminal responsibilities of a mentally ill person.

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

(a) Phosy Jaw.

(b) Duties of a doctor in a case of poisoning.

(c) Punctate Basophilia.

(d) Toxal bumen.

(e) Obsession.

(f) Ethical clearance for a research study.

(g) Euthanasia.

(h) Immediate restraint of a mentally ill person.

(i) Statutory duties of a registered medical practitioner.

(j) Treatment of cyanide poisoning.

[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 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 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 forty minutes	Theory : 80 marks
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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) Hydrargyrisms
- (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.

[KR 168]

Sub. Code : 2064

M.D. DEGREE EXAMINATION.

Branch XIV — Forensic Medicine

(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
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. Ethics and law of Organ transplantation. (20)
2. Describe the role of Forensic Sciences laboratory in Medicolegal Practice & Poisoning case. (15)
3. Who is a voluntary Boarder? Describe different methods of admission and discharge of a mentally ill person in a psychiatry hospital. (15)

II. Short notes :

(6 × 5 = 30)

- (a) Analysis Sec. 84 IPC.
 - (b) Gas chromatography and its Forensic Application.
 - (c) Point your view regarding Euthanasia from the time of inception to implementation.
 - (d) Consumer protection Act in Medical Profession
 - (e) Radiology in Medicolegal Practice.
 - (f) Psychiatry aspects of Chronic Alcoholism.
-

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

APRIL 2012

[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 (Max.)	Time (Max.)	Marks (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. Onchonososis. | 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 Responsibility 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.

[LG 155]

APRIL 2015

Sub. Code: 2050

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

**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

I. Essay:

(2 x 10 = 20)

1. Discuss briefly the ethics of human experimentation.
2. Discuss briefly mechanism of action and autopsy findings in cases of death due to carbon monoxide poisoning.

II. Short Questions:

(8 x 5 = 40)

1. Testamentary capacity.
2. Aversion therapy in alcoholism.
3. Doctrine of Res Ipsa Loquitur.
4. Privileged communications.
5. Pharmacological antidotes.
6. Ethanol and vehicular accidents.
7. Chemical warfare agents.
8. Melancholia.

III. Reasoning Out:

(4 x 5 = 20)

1. Sources of error exists in breath analyser.
2. A lethal degree of internal trauma may be present without any external indication of trauma.
3. Criteria diagnostic for alcohol intoxication.
4. There may be much delay in death following the infliction of a trauma.

IV. Very Short Questions:

(10 x 2 = 20)

1. Dichotomy.
2. Chain of custody.
3. Crack thumb.
4. Drug abuser's elbow.
5. Marchiafava syndrome.
6. Sickening gas.
7. Empathy.
8. Tobacco heart.
9. Sec 148 IEA.
10. Chalcosis.

[LI 155]

APRIL 2016

Sub. Code: 2050

**M.D. DEGREE EXAMINATION
BRANCH XIV – FORENSIC MEDICINE**

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

Q.P. Code :202050

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 10 = 20)

1. Define Insanity. Discuss the procedure of restraining an Insane person and criteria for discharging him from the hospital.
2. Describe the signs, symptom, treatment and autopsy findings in a case of chronic lead poisoning.

II. Short Questions: (8 x 5 = 40)

1. Duties of the Doctor in a case of Poisoning.
2. Functions forensic science laboratory.
3. Civil Responsibility of Insane.
4. Scorpion bite.
5. Mc naughten's Rule.
6. Mental health act.
7. Automatism.
8. Chronic Mercury Poisoning.

III. Reasoning Out: (4 x 5 = 20)

1. Organic compound of Thalium is ideal homicidal poison.
2. Murder committed by mentally ill person is not punishable.
3. An intoxicated person is responsible for his criminal act.
4. Gastric lavage in contra indicated in nitric acid poisoning.

IV. Very Short Questions: (10 x 2 = 20)

1. Mentally ill prisoner.
2. Causes of death in snake bite.
3. Cardiac poisons.
4. Chelating agents.
5. Lucid interval.
6. Universal antidote.
7. Euthanasia.
8. Antidote for cyanide poisoning.
9. Stomach poison.
10. Oral evidence.

[LJ 155]

OCTOBER 2016

Sub. Code: 2050

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

Q.P. Code :202050

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 10 = 20)

1. Discuss in detail the impact of Consumer Protection Act (COPRA) in medical practice.
2. Define consent. Discuss the relevance of consent in medical practice with examples.

II. Short Questions: (8 x 5 = 40)

1. Insanity and murder.
2. Evidence of poisoning in the living.
3. Designer drugs.
4. Features of Hemlock poisoning.
5. Limitations to contributory negligence.
6. Nicotine replacement therapy.
7. Rodenticides.
8. Features of bite of elapidae.

III. Reasoning Out: (4 x 5 = 20)

1. Arguments exist against euthanasia.
2. There are restrictions on removal and transplantation of human organs.
3. Age determination by closure of skull sutures.
4. Dating of skeletal remains can be done upto centuries.

IV. Very Short Questions: (10 x 2 = 20)

1. Informed refusal.
2. Prudent patient rule.
3. Sec 2(c) CrPC.
4. Scheele's green.
5. Lucid interval.
6. Munich beer heart.
7. Magic mushrooms.
8. Brompton's cocktail.
9. Twilight state.
10. Legal status of Homosexuality in India.

[LK 155]

MAY 2017

Sub. Code: 2050

**M.D. DEGREE EXAMINATION
BRANCH XIV – FORENSIC MEDICINE**

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

Q.P. Code :202050

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 10 = 20)

1. Discuss Ethics and Laws on Organ Transplantation.
2. Define phobias. Discuss the various Types, signs and symptoms, management and medico legal importance of phobias.

II. Short Questions:

(8 x 5 = 40)

1. Abstinence syndrome.
2. Acetyl cholinesterase inhibitors in Snake Bites.
3. Bhopal disaster.
4. Battered Alcoholic syndrome.
5. Brompton's Cocktail.
6. Cap Gras syndrome.
7. Charas Insanity.
8. Fowler's solution.

III. Reasoning Out:

(4 x 5 = 20)

1. Glyphosphate used to destroy illegal coco plant.
2. Hyaluronidase – in snake veves.
3. Mental Health Act – 1987.
4. National policy on HIV / AIDS.

IV. Very Short Questions:

(10 x 2 = 20)

1. Ogilvie's syndrome.
2. Muzzle Loaders.
3. Monoclonal Antibodies.
4. Bio Terrorism.
5. Open Verdict.
6. Weed killers.
7. American Law Institute Test 1962.
8. Oligophronia.
9. Cotard Syndrome.
10. Loco parentis.

**M.D. DEGREE EXAMINATION
BRANCH XIV – FORENSIC MEDICINE**

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

Q.P. Code :202050

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 10 = 20)

1. Define Delusion. Describe in detail about the various types of delusions.
2. Describe the signs, symptoms, treatment and Postmortem findings in case of Yellow oleander (cerbera thevetia) poisoning.

II. Short Questions: (8 x 5 = 40)

1. Drunkenness certificate.
2. Treatment of organo poisonous poisoning.
3. Methanol poisoning.
4. Feigned insanity.
5. Hebephrenia.
6. Run amok.
7. Snake venom.
8. Mickey Finn.

III. Reasoning Out: (4 x 5 = 20)

1. Opium is an ideal suicidal poison.
2. Intoxicated person is not responsible for his criminal act in certain situation.
3. Any harm caused to a person in good faith even without consent is not an offence.
4. Presumption in favour of legitimacy.

IV. Very Short Questions: (10 x 2 = 20)

1. Aconite.
2. Phobia.
3. Demulcents.
4. Desferroxamine.
5. Somnambulism.
6. Corporate negligence.
7. Delirium tremens.
8. Obsession.
9. Loco parentis.
10. Phytotoxin.

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

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

Q.P. Code :202050

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 15 = 30)

1. Define Insanity. Describe the civil and criminal responsibilities of Insane person.
2. Discuss the pharmacological actions, signs, symptoms, diagnosis, treatment and postmortem appearances of carbon monoxide poisoning.

II. Short notes: (10 x 5 = 50)

1. Sec 84 IPC.
2. Feigned Insanity.
3. Gastric lavage.
4. Rights of mentally ill persons.
5. Parasuicide.
6. MensRea and its significance.
7. Laboratory diagnosis of chronic lead poisoning.
8. Polyvalent Antisnake venom.
9. Dementia.
10. Sec 90 IPC.

III. Reasoning Out: (4 x 5 = 20)

1. Murder committed by an insane person during lucid interval cannot be punishable.
2. Ideal Homicidal poison.
3. Gastric lavage is contraindicated in corrosive acid poisoning.
4. Conditions in which a Doctor can Reveal the secret of illness of his patient?

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

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

Q.P. Code: 202050

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 15 = 30)

1. Define Toxicology. Describe treatment guidelines for poisoning. Write in detail about psychedelics.
2. What is professional secrecy? Mention exceptions for professional secrecy. Write about warning notice and penal erasure.

II. Short notes: (10 x 5 = 50)

1. Kerala flood tragedy.
2. Metal fume fever.
3. Differential diagnosis of morphine poisoning.
4. Toxic alkaloids.
5. Medicolegal importance of delusion.
6. Define phobia, describe its types.
7. Legal tests for insanity.
8. Defences against medical negligence.
9. Functions of Indian Medical Council.
10. Euthanasia – newer trends.

III. Reasoning Out: (4 x 5 = 20)

1. Intra venous heroin addicts blood sample is negative for heroin.
2. Chronic alcoholics quarrel with their spouse.
3. Contract with a patient with psychiatric illness is not always invalid.
4. Adultery is a ground for divorce.

[LQ 155]

**AUGUST 2020
(MAY 2020 SESSION)**

Sub. Code: 2050

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

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

Q.P. Code: 202050

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Describe how the deficiency in medical service will be treated as liability on the part of the medical practitioner. Explain with known examples or hypothetical examples.
2. Discuss the role of Forensic medicine in service community at large. How will you organize a clinical forensic medicine service unit in your hospital?

II. Short notes:

(10 x 5 = 50)

1. Restraint of the mentally ill.
2. In camera trial
3. Examination and certification of insanity.
4. Medical indemnity insurance.
5. Ethical issues in surrogacy.
6. Jehovah's Witness.
7. Hallucinogens.
8. Designer drug.
9. Discuss about aphrodisiac substances. Add a note on SILDENAFIL CITRATE.
10. Informed consent with full disclosure, it's medico legal importance and any exception to do doctrine.

III. Reasoning Out:

(4 x 5 = 20)

1. In a clinical setting after completely healed partial tear in the hymen do you consider the patient virgin or not?
2. Can HIV virus be transmitted postmortem through visera?
3. Why Pralidoxime is preferred more compared to that of Obidoxime in the treatment of organophosphate poisoning?
4. Holography will Vs Testamentary capacity.

[MD 0721]

JULY 2021
(MAY 2021 SESSION)
M.D. DEGREE EXAMINATION

Sub. Code: 2050

BRANCH XIV – FORENSIC MEDICINE

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

Q.P. Code: 202050

Time : Three Hours

Maximum : 100 Marks

I. Essay: **(2 x 15 = 30)**

1. Describe the various aspects of professional misconduct of RMP's and the role of State Medical Council against misconduct.
2. Describe about the clinical features, toxic principles, fatal dose, treatment and postmortem findings of various plant organic irritant poisons.

II. Short notes: **(10 x 5 = 50)**

1. Vicarious liability.
2. Section 53 and 54 CrPC.
3. Rules of consent.
4. Sea snake bite.
5. Define drunkenness. Write about the features of Marchiafava syndrome.
6. Antidote.
7. Xanthoproteic reaction.
8. Personality disorders.
9. Delusion and its types.
10. Sexual perversion.

III. Reasoning Out: **(4 x 5 = 20)**

1. Medical maloccurrence is defense of RMP's.
2. Schizophrenic person is not fit for court trial.
3. Arsenic poisoning resembles cholera in presentation.
4. Males are always the accused as per S375IPC.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0522]

MAY 2022

Sub. Code: 2050

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

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

Q.P. Code: 202050

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. What is professional misconduct, give examples and describe procedure followed by disciplinary committee, defenses available for a doctor in a case of professional misconduct.
2. Describe the medico-legal duties of a doctor in a case of suspected poisoning. Write about the qualitative tests in the analytical methods and recent advances in analysis of unknown poison.

II. Short notes:

(10 x 5 = 50)

1. Write about civil and criminal responsibility of insane person.
2. Consumer protection act in medical profession.
3. Chronic alcohol induced psychosis and its medico legal importance.
4. What are the types of medical record and how long to maintain medical record?
5. Write about types of consent and write notes on proxy and blanket consent.
6. Write about National Medical Council Act.
7. Describe clinical features, treatment and post-mortem appearance in a case of Methyl Alcohol Poisoning.
8. Write about Ectasy and flash back phenomena.
9. Virtopsy and its medico-legal implications.
10. History of Forensic Medicine in India.

III. Reasoning Out:

(4 x 5 = 20)

1. Advance directive/ do not resuscitate instructions by patients-Not valid India why?
2. Death in ward due of course of treatment not amount to negligence.
3. For Post-mortem examination consent is not taken. Is it valid.
4. An alcoholic intoxicated person is responsible for his criminal act.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0723]

**JULY 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 2050

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

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

Q.P. Code: 202050

Time : Three Hours

Maximum : 100 Marks

I. Essay: **(2 x 15 = 30)**

1. Describe the clinical features, treatment and post mortem appearance in a case of chronic Arsenic poisoning and its Medicolegal Importance.
2. Surrogacy and its types. Discuss various offences and penalties relating to surrogacy under the Surrogacy Act 2021.

II. Short notes: **(10 x 5 = 50)**

1. Carbolism.
2. Phosphorus poisoning and its post mortem findings.
3. Dry Wine.
4. Methods used for removal of absorbed poison from the body.
5. Doctrine of Diminished responsibility.
6. Oligophrenia.
7. Product liability.
8. Medicolegal aspects of HIV and AIDS.
9. Polygraph.
10. Privileged Communication.

III. Reasoning Out: **(4 x 5 = 20)**

1. Strychnine and Tetanus.
2. Informed consent a must for treating patient.
3. In camera trial is a trial in front of camera.
4. Atropine is not the drug of choice for endrin insecticide poisoning.

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 1223]

**DECEMBER 2023
(OCTOBER 2023 EXAM SESSION)**

Sub. Code: 2050

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

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

Q.P. Code: 202050

Time : Three Hours

Maximum : 100 Marks

I. Essay: **(2 x 15 = 30)**

1. Describe various types of Medical Negligence. Write about various defence against Negligence.
2. Mention various Psychosis associated with organic diseases. Discuss in detail about Schizophrenia.

II. Short notes: **(10 x 5 = 50)**

1. Treatment of acute mercury poisoning.
2. Poisons mimicking natural diseases.
3. Cattle poison.
4. Hallucinogens.
5. Management of property and affairs of mentally ill.
6. Munchausen syndrome.
7. Rights and duties of a patient.
8. Mania a potu.
9. Narcoanalysis.
10. Chain of custody.

III. Reasoning Out: **(4 x 5 = 20)**

1. Stomach is opened along lesser curvature in case of acid poisoning.
2. Insulin an ideal homicidal poison.
3. Brain finger printing and Brain electrical oscillation signature.
4. Section 113 and 114 Indian Evidence Act.
