

APRIL 2001

[KD 1211]

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

(Old/New Regulations)

**Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY**

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate answer books.

SECTION A

1. Write an essay on any ONE of the following : (14)

(a) Define drowning. Classify its types, mechanism and postmortem appearances of drowning.

(b) Describe in detail the changes that occur in a human body after death.

2. Write briefly on any TWO of the following :

(2 × 8 = 16)

(a) D.N.A. fingerprints

(b) Privileges of a Registered Medical Practitioner

(c) Abrasions.

3. Write short notes on any FIVE of the following :
(5 × 4 = 20)
- (a) Artificial Insemination
 - (b) corpus Delecti
 - (c) Recording of Evidence in a Court of Law
 - (d) Choking
 - (e) Products Liability
 - (f) Mc Naughten's Rule.

SECTION B

4. Write an essay on any ONE of the following : (14)
- (a) Mechanism of action, clinical picture, treatment and postmortem appearances in a case of Hydrocyanic Acid poisoning.
 - (b) Describe the clinical picture, mechanism of action and postmortem findings of strychnine poisoning. Also brief about the disease it mimics, fatal dose and period.
5. Write briefly about any TWO of the following :
(2 × 8 = 16)
- (a) External and Internal findings in a case of Burns.
 - (b) Mention four organic irritant poisons and write briefly about Abrus precatorius.
 - (c) Differentiate poisonous from nonpoisonous snakes and write about the postmortem findings in a person who has died of viper bite.

6. Write short notes on any FIVE of the following :
(5 × 4 = 20)
- (a) Lucid Interval
 - (b) Define Drunkenness
 - (c) Flash Burns
 - (d) Railway Spine
 - (e) Signs of Recent Delivery
 - (f) Antidotes.

NOVEMBER 2001

[KE 1211]

Sub. Code : 1211

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

(Old/New Regulations)

**Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY**

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in separate Answer Books.

SECTION A

1. Write an essay on any ONE of the following : (14)

(a) What is postmortem interval? Mention in detail the factors to be considered to fix up the time since death.

(b) Classify mechanical injuries. Describe in detail about head injuries.

2. Write briefly on any TWO of the following :

(2 × 8 = 16)

(a) Professional Negligence.

(b) Section 320 I.P.C.

(c) Sudden Death.

3. Write short notes on any FIVE of the following :
(5 × 4 = 20)
- (a) Abrasion collar.
 - (b) Cadaveric spasm.
 - (c) Dactylography.
 - (d) Throttling.
 - (e) Locard's principle of exchange.
 - (f) Stomach – bowel test.

SECTION B

4. Write an essay on any ONE of the following : (14)
- (a) Action, signs and symptoms, treatment and postmortem appearances of Arsenic poisoning.
 - (b) Name the cardiac poisons. Describe in detail about any one cardiac poison.
5. Write briefly on any TWO of the following :
(2 × 8 = 16)
- (a) Drug dependence.
 - (b) Unnatural sexual offences.
 - (c) Plumbism.

6. Write short notes on any FIVE of the following :
(5 × 4 = 20)
- (a) Difference between Dying declaration and Dying deposition.
 - (b) Delusion.
 - (c) Filigree burns.
 - (d) Dry drowning.
 - (e) Run amok.
 - (f) Scalds.

[KG 1211]

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

(New Regulations)

Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY

Time : Three hours Maximum : 100 marks

Answer Section A and B in separate Answer Books.

SECTION A

1. Write an essay on any ONE of the following : (14)
 - (a) Professional secrecy and privileged communication.
 - (b) Time since death.
2. Write briefly on any TWO of the following :
(2 × 8 = 16)
 - (a) Traumatic asphyxia.
 - (b) Cadaveric spasm.
 - (c) McNaughten's rule.
3. Write short notes on any FIVE of the following :
(5 × 4 = 20)
 - (a) Diatoms test.
 - (b) Signs of recent delivery.
 - (c) Magistrate's inquest.
 - (d) Presumption of survivorship.
 - (e) Lacerated injuries.
 - (f) Burking.

SECTION B

4. Write an essay on any ONE of the following : (14)
 - (a) Signs, symptoms, treatment and postmortem appearances in CuSO_4 poisoning.
 - (b) Organo phosphorus compound poisoning.
5. Write briefly on any TWO of the following :
(2 × 8 = 16)
 - (a) Types of snakes and write the treatment of a case of poisonous snake bite.
 - (b) Cephalic index.
 - (c) Consumer protection Act.
6. Write short notes on any FIVE of the following :
(5 × 4 = 20)
 - (a) McEWAN'S sign.
 - (b) Carbolism.
 - (c) Dermal Nitrate test.
 - (d) False Virgin.
 - (e) Cafe Coronary.
 - (f) Tests for blood.

SEPTEMBER 2002

[KH 1211]

Sub. Code : 1211

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

(New Regulations)

**Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY**

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in SAME Answer Book.

SECTION A

1. Write an essay on any ONE of the following : (14)

(a) What is Inquest? What are the differences between police inquest and coroner inquest?

(b) What are the types of drowning? Describe the post-mortem changes in typical case of fresh water drowning.

2. Write briefly on any TWO of the following :

(2 × 8 = 16)

(a) Write on medical termination of Pregnancy Act (MTP Act 1971)?

(b) Give the medicolegal importance of Age.

(c) Contribution of Newton to Forensic medicine.

SEPTEMBER 2002

3. Write short notes on any FIVE of the following :

(5 × 4 = 20)

- (a) Runamock
- (b) General signs in asphyxial deaths
- (c) Dying Deposition
- (d) Workman's Compensation Act.
- (e) Delirium Tremors
- (f) How a fregined inscence person can be detected?

SECTION B

4. Write an essay on any ONE of the following : (14)

- (a) Signs, symptoms treatment and post-mortem appearance in case of Arsenic Alb poisoning.
- (b) Signs, symptoms, treatment and post-mortem appearance in case of Nux vomica poisoning.

5. Write briefly on any TWO of the following :

(2 × 8 = 16)

- (a) Classify violent asphyxial deaths with their special post-mortem (internal) findings.
- (b) Tendon bullet, abrasion colour and dirt colour. Describe.
- (c) Medicolegal importance of teeth.

6. Write short note on any FIVE of the following :

(5 × 4 = 20)

- (a) Difference between human hair and animal hair.
- (b) Kidnapping
- (c) Snake venom
- (d) Gastric lavages its indications and contraindications
- (e) Classification of sexual offences
- (f) Universal antidote.

APRIL 2003

[KI 1211]

Sub. Code : 1211

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

(New Regulations)

**Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY**

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in the SAME Answer Book.

SECTION A

1. Write an essay on any ONE of the following : (14)

(a) Write the indications of M.T.P. Act and describe the duties of Doctor in dealing a case of criminal abortion.

(b) What are the signs of death and write about putrefaction and its Medico-legal importance?

2. Write briefly on any TWO of the following :
(2 × 8 = 16)

(a) Criminal negligency

(b) What are the signs of virginity and write about medico-legal importance?

(c) Structure and functions of central council for homeoeopathy.

3. Write short notes on any FIVE of the following :

(5 × 4 = 20)

- (a) Traumatic Asphyxia.
- (b) What are the causes of death due to burns?
- (c) Describe the signs of Dead Born Child.
- (d) Write about subpoena.
- (e) Grievous injury.
- (f) Write about Tattoo Marks and its Medico-legal importance.

SECTION B

4. Write an essay on any ONE of the following : (14)

(a) Write about the preparations, signs and symptoms of "Indian Hemp" and its medico legal aspects.

(b) Write about chronic lead poisoning and its medico-legal aspects.

5. Write briefly on any TWO of the following :

(2 × 8 = 16)

(a) What are the differences between Hanging and Strangulation?

(b) Write about medico legal importance of age.

(c) Write about warning notice.

6. Write short notes on any FIVE of the following :

(5 × 4 = 20)

- (a) Testamentary capacity
- (b) Mummification
- (c) Vitriolage
- (d) Morphinism
- (e) Cadaveric spasm
- (f) Professional secrecy.

OCTOBER 2003

[KJ 1211]

Sub. Code : 1211

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

(New Regulations)

**Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY**

Time : Three hours

Maximum : 100 marks

Answer Sections A and B in SAME answer book.

SECTION A

1. Write an essay on any ONE of the following : (14)

(a) Define RAPE and write about procedure for examination of RAPE VICTIM and its Medico-legal aspects.

(b) Classify DROWNING and write about Post Mortem findings and its Medico-legal importance.

**2. Write briefly on any TWO of the following :
(2 × 8 = 16)**

(a) Write about the characteristic features of Incised Wounds and its Medico-legal importance?

(b) Write about dying declaration?

(c) Write about signs and symptoms of starvation death and its Post Mortem findings?

3. Write short notes on any FIVE of the following :
(5 × 4 = 20)

- (a) Hydrostatic test
- (b) Precipitate labour
- (c) Hallucination
- (d) Klenfilter syndrome
- (e) Vicarious liability
- (f) Rule of NINE.

SECTION B

4. Write an essay on any ONE of the following : (14)

- (a) Describe the signs and symptoms, treatment, Post Mortem findings and of Nux Vomica poisoning Medico-legal importance.
- (b) Write about Arsenical Poisoning Treatment and Post-Mortem findings and how to differentiate from cholera?

5. Write briefly about any TWO of the following :
(2 × 8 = 16)

- (a) What are the duties of Medical Officer in case of suspected poisoning?
- (b) Describe the signs of live birth and its Medico-legal importance.
- (c) Write about Work Men's Compensation Act?

6. Write short notes on any FIVE of the following :
(5 × 4 = 20)

- (a) Management and Treatment of Snake bite
- (b) Procedure of Police Inquest
- (c) Positive signs of pregnancy
- (d) Algor mortis
- (e) Lucid Interval
- (f) Fabricated Injury.

[KL 1211]

Sub. Code : 1211

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

(New Regulations)

**Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY**

Time : Three hours

Maximum : 100 marks

**Sec. A & B : Two hours and
forty minutes**

Sec. A & B : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer Sections A and B in the SAME Answer Book.

SECTION A

Answer any TWO of the following.

Long Essay :

(2 × 15 = 30)

**1. Define Drowning. What are the types of drowning.
Write its post mortem findings.**

**2. What is Inquest what are the types of Inquest?
Write their procedures.**

**3. What is Poison? Classify the Poisons with
examples.**

SECTION B

Short notes on :

(10 × 5 = 50)

Answer any TEN of the following.

**4. Functions of the State Forensic Science
Laboratory.**

5. Accidental Insurance.

6. Thermal Injuries.

7. Sadism.

8. Identification.

9. Cocaine bugs.

10. IPC 302.

11. Signs of Pregnancy.

12. Mechanical Injuries.

13. Plumbism.

14. Cadaveric spasm.

15. Finger prints.

[KM 1211]

Sub. Code : 1211

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

(New Regulations)

Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY

Time : Three hours

Maximum : 100 marks

Sec. A & B : Two hours and
forty minutes

Sec. A & B : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

SECTION A — (2 × 15 = 30 marks)

Answer any TWO of the following.

Long Essay :

1. Classify Poisons. What are irritant poison, signs, symptoms, postmortem findings of organo phosphorous - poisoning? (15)
2. What is drowning? What are typical autopsy findings in a case of drowning? (15)
3. In a suspected case of infanticide, what points will you note at autopsy?

SECTION B — (10 × 5 = 50 marks)

Answer any TEN of the following.

Write Short notes :

4. Rigor mortis.
5. Postmortem staining and congestion in an organ.
6. Pugilistic attitude.
7. Rule of Haase.
8. Difference between Antemortem and Postmortem bruises.
9. Defloration.
10. Sodomy.
11. Criminal abortion.
12. Suis.
13. Lacerated wound.
14. Diatoms.
15. Dying declaration.

[KM 1211]

Sub. Code : 1211

(New Regulations)

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

I. Long Essay (Answer any TWO of the following).
(2 × 15 = 30)

1. Changes following death and mechanism, order of appearance, Time of onset, Duration and medico legal importance of Rigor mortis.
2. Definition, Symptom, Cause of death, Fatal period, Treatment and Postmortem appearance of hanging death.
3. Signs and symptoms, Treatment, Fatal Dose, Fatal period and Postmortem appearance of Sulphuric acid poison.

II. Short notes (Answer any TEN of the following)
(10 × 5 = 50)

1. Medicolegal importance of Age.
2. Any five duties of Medical practitioner.
3. Greivous injury.
4. The MTP Act 1971.
5. Hallucination.
6. Phossy Jaw.
7. Negative Autopsy.
8. Botulism.
9. Tatoo marks.
10. Artificial insemination.
11. Plumbism.
12. Organophosphorus poison signs and symptoms.

February-2006

[KO 1211]

Sub. Code : 1211

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

(New Regulations)

**Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY**

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

I. Long Essay :

(2 × 15 = 30)

Answer any TWO of the following.

1. Describe in detail the “Medical Termination of Pregnancy Act 1971” — What are the autopsy findings in a case of instrumental criminal abortion?
2. What do you understand by the term “Privileged Communication”? Describe some circumstances when a doctor does not enjoy the provisions of professional secrecy and some circumstances where he should maintain professional secrecy.
3. Describe in detail the signs of live birth. What changes occur in a new born during the 1st one week after birth?

II. Short notes : (10 × 5 = 50)

Answer any TEN of the following.

1. Describe the procedure adopted by the State Medical Council for erasure of the name of a medical practitioner.
2. Difference between Professional Negligence and Infamous Conduct in Professional Respect.
3. Age and sex determination from mandible.
4. Enumerate the objects of "Medico-Legal Autopsy". What is Negative Autopsy?
5. Describe a chop wound with its medico-legal importance.
6. Enumerate causes of death due to burns.
7. Medico legal importance of Hyoid Bone.
8. Differentiate between super foetation from super fecundation.
9. Postmortum findings in starvation.

10. Diagnosis of poisoning in dead.

11. Describe how poisoning may result from.

12. Under which regulations and under what clause, section of central council Homoeopathy Act 1973, provided provisions for Homoeopathy Degree Course.

August-2006

[KP 1211]

Sub. Code : 1211

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

(New Regulations)

Paper IV — FORENSIC MEDICINE 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

I. Long Essays

1. What do you understand by infamous conduct?
Give detail offences in relation to professional
misconduct. (20)

Answer any TWO of the following.
(2 × 15 = 30)

2. Define and classify evidence. What are the various
procedures of recording evidence in the court of law?
Explain.

3. Discuss the muscular changes occurring in a body
after death. What are the differences between Rigor
mortis and cadaveric spasm?

4. What are the various forms of Asphyxial death?
How will you differentiate Antemortem and Postmortem
hanging?

II. Short notes (Answer any SIX of the following) :
(6 × 5 = 30)

1. Grievous hurt
2. Artificial insemination
3. Magistrate court and powers
4. Rule of Nine
5. MTP Act
6. Privileged communication
7. Chronic head poisoning – signs and symptoms
8. Professional negligence – Types.

AUGUST 2007

[KR 1211]

Sub. Code : 1211

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

(New Regulations)

**Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY**

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

I. Long Essay :

(2 × 15 = 30)

Answer any TWO.

**1. Definition, causes, features of asphyxial death.
Write the typical autopsy findings of drowning.**

**2. Write an essay on classification of Poisons, Routes
of administration effects of Poisons and their antidotes
and treatment.**

**3. Define infanticide. In a suspected case, what
points will you particularly note at autopsy.**

II. Short notes on any TEN :

(10 × 5 = 50)

1. Antemortem wounds and postmortem wounds.

2. Sodomy.

3. Antemortem burns post mortem burns.

4. Cobra bite and viper bite.

5. Affiliation cases.

6. True bruises and artificial bruises.

7. Arsenic poisoning and cholera.

8. Strychnine and tetanus.

9. Infanticide.

10. Importance of finger printing.

11. MTP Act.

12. Privileged communication.

FEBRUARY 2008

[KS 1211]

Sub. Code : 1211

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

(New Regulations)

**Paper IV — FORENSIC MEDICINE AND
TOXICOLOGY**

Q.P.Code: 581211

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

I. Long Essay :

Answer any TWO questions.

(2 × 15 = 30)

1. Describe in details the signs, symptoms and treatment of a poison that mimics a natural disease with its medico legal importance. (15)
2. Describe the procedure of detecting lies using a polygraph. (15)
3. Write an essay on Indian Medical Council and its functions. (15)

II. Short notes :

(10 × 5 = 50)

Answer any TEN questions.

1. Risus Sardonius.
2. Describe stomach in mercuric chloride poisoning.
3. What is an Arte fact? Give four examples of arte facts due to putrefaction.
4. Describe medico legal importance of detection of spermatozoa in the vagina of a victim in case of alleged rape.
5. Describe the medico legal importance of smothering.
6. Mal practice.
7. Filigree burns.
8. Incised wound.
9. Treatment for snake bite.
10. Presumptive signs of pregnancy.
11. Diatoms test.
12. Gastric lavage.