

Second BHMS Forensic Medicine & Toxicology Question Papers
Calicut University
1996 – 2009

SECOND YEAR BHMS DEGREE EXAMINATION, JUNE 2009.
FORENSIC MEDICINE AND TOXICOLOGY
Time: 3 Hours Max. Marks: 100
Section A and B should be answered separately
Draw diagrams wherever necessary.

SECTION - A

1. Describe in detail the muscular changes after death in order. Explain briefly the mechanism of Rigor Mortis and differentiate it with Cadaveric spasm. (5+5+5=15)
2. Define and classify Abortion, What are the various methods to procure Criminal Abortion? Mention its complications. (5+5+5=15)
3. Discuss on: (3x4=12 Marks), a) Magistrates and powers.
b) Gustafson's method.
c) Professional Negligence.
4. Write short notes on: (4x2=8 Marks) a) Oath.
b) Atavism. c) Diatoms. d) Obsession.

SECTION -- B

1. Define and classify Antidotes with examples. Discuss in detail the various factors which modify the action of poison in the body. (5+10=15)
2. Discuss the mode of action, signs and symptoms Treatment and postmortem appearances in a case of poisoning by strychnine. (5+5+5=15)
3. Write short notes on : (3x4=12 Marks) a) Stomach-bowel test.
b) Me-Naughten's rule. c) Inanition.
4. Write the notes on: (4x2=8 Marks) a) Legitimate child.
b) Lesbianism.
c) Magnan's symptom. d) Surrogate mother.

SECOND YEAR BHMS DEGREE EXAMINATION, JUNE 2007
Paper III. **FORENSIC MEDICINE AND TOXICOLOGY** (New Scheme)
Section A

- I. What is viability ? What datas help to determine how long the child survived after birth ?
Complications of Criminal Abortion. (3 + 6 ± 6 = 15 marks)
- II. How does Teeth help in Identification ? Write the chronology of development of temporary teeth.
Differentiate between Human Hair and Animal Hair. (5 ± 5 ± 5 = 15 marks)
- III. Write short notes on:
(a) Oral evidence.
(b) Haemin Crystal Test.

- (c) Clinical features of Syncope.
- (d) Hyoid bone fracture. (4 x 5 = 20 marks)

Section B

- I. What are the privileges of a registered medical practitioner ? What are the ethical malpraxis for which a doctor is subjected to professional death sentence? (5 + 10 = 15 marks)
- II. Explain the mechanical, chemical and physiological Antidotes. What are the features of Poisonous Snakes? (10 + 5 = 15 marks)
- III. Write short notes On
 - (a) Symptoms of Strychnine poisoning.
 - (b) Blood picture of lead poisoning.
 - (c) Findings in a Passive Agent of Sodomy.
 - (d) Different types of Hymen. (4 x 5 = 20 marks)

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, JUNE 2000

FORENSIC MEDICINE AND TOXICOLOGY

Part A

- 1. Explain the different types of Drowning. Briefly discuss the post-mortem appearance and important lab investigations to confirm a case of typical drowning.
- 2. What are the causes of death in cut-throat injuries ? How will you differentiate suicidal cut throat wound and Homicidal cut throat wounds?
- 3. Write short notes on:
 - (a) Spalding sign. (b) Lochia.
 - (c) Blood group. (d) Conduct money.
 - (a) Atavism.

Part B

- 1. Define Evidence. How is it recorded ? Discuss the duties of a medical officer in a witness box.
- 2. What are the medico-legal importance of age determination ? Briefly outline the proforma for age determination.
- 3. Write short notes on:
 - (a) Executive magistrate.
 - (b) Vitriolage.
 - (c) Coup and contra coup injury.
 - (d) Cadaveric spasm.
 - (e) Privileged communication.

SECOND BHMS DEGREE EXAMINATION, DECEMBER 1999

FORENSIC MEDICINE AND TOXICOLOGY

Part A

- 1. Discuss blood grouping and its medico-legal importance. How does hair helps in investigation?
- 2. Define Rape. What are the ingredients to be proved to constitute a case of Rapa and how will you examine a victim and give opinion.
- 3. Write short notes on
 - (a) Grievous hurt.
 - (b) Dry drowning.
 - (c) Filgree burns.

- (d) Executive magistrate.
- (e) Dactylography.

Part B

1. What are the duties of a Medical Officer in a case of Infanticide ? Enumerate signs of Live- Birth.
2. What are the various preparations of cannabis ? Discuss signs, symptoms and treatment of Cannabis Poisoning.

3. Write short notes on
 - (a) Mc-even pupil.
 - (b) Burtonian line.
 - (c) Hymen.
 - (d) Artificial Insemination.
 - (e) Post-Mortem appearance of throttling.

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, JUNE 1999
Paper III—FORENSIC MEDICINE AND TOXICOLOGY

Part A

1. What are the Cadaveric changes occurring in the muscle after death. Discuss each.
2. Classify skull fractures. Discuss, in brief the causes and effects of extradural haemorrhage.
3. Write short notes on:
 - (a) Forensic medicine.
 - (b) Super imposition.
 - (c) Exhumation
 - (d) Viability.

Part B

1. Define Infamous conduct. What are the duties of a medical officer in a case of suspected poisoning?
2. What are the medico legal importance of studying impotency and sterility? How will you examine and give opinion relating to potency?

3. Write short notes on:
 - (a) Incest.
 - (b) Atavism..
 - (c) M.T.P. act.
 - (d) Snake Venom.
 - (e) Hyoid bone.

SECOND YEAR B.H.M.S. DEGREE EXAMINATION DECEMBER 1998
FORENSIC MEDICINE AND TOXICOLOGY

Part A

1. Compare features of incised and punctured wound. Discuss the causes of death in mechanical injuries.
2. What are the precautions and formalities to be observed while conducting an Autopsy. How will you dispatch viscera to the Chemical Examiner in a case of suspected poisoning?

3. Write short notes on:
 - (a) Court and its powers. -
 - (b) Pseudo hermaphrodites.
 - (c) Post-mortem calorificity -
 - (d) Post-mortem appearance of suffocation.
 - (e) C.C.H. act.

Part B

1. Discuss various signs of virginity. What are its medico legal importance ?

2. Briefly outline the Performa for age determination. What is the medico legal importance of age
3. Explain the signs, symptoms and treatment of phenol poisoning.
4. Write short notes on:
 - (a) Vitriolage.
 - (b) Antidote,
 - (c) Alcoholic black-out.
 - (d) Vicarious responsibility.
 - (e) Post-mortem appearance of starvation.

SECOND B.H.M.S. DEGREE EXAMINATION, JUNE 1998
FORENSIC MEDICINE AND TOXICOLOGY

Part A

1. Write a perfect Medical Certificate to a government servant exempting him from attending duty for one week.
2. Explain Gustafson's technique. What are its medico legal importance?
3. Difference between:
 - (a) Suicidal and Homicidal cut throat injury
 - (b) Bruise and Cadaveric lividity.
 - (c) Police inquest and Magistrate inquest.
 - (d) Ante mortem and Post-mortem Burns.
 - (e) Examination-in-chief and Cross examination.
 - (f) Hanging and Strangulation.

Part B

1. Define Infamous conduct. Give examples. What are the procedures adopted by the State Medical Council in a case of infamous conduct?
2. What are the alkaloids of opium ? Discuss the effects of chronic opium poisoning. Add a note on withdrawal symptoms.
3. Write short notes on:
 - (a) Symptoms and treatment of viper bite. .
 - (b) Carboluria.
 - (c) Chelating agents.
 - (d) Lucid-interval.
 - (e) M.T.P. Act.

SECOND YEAR BHMS DEGREE EXAMINATION, DECEMBER 1997
FORENSIC MEDICINE AND TOXICOLOGY

Part.A

1. What is medical Juris prudence ? What is the utility of its study for a private practitioner?
2. Short notes:
 - (a) Pei (b) Muzzle velocity ; (c) Privilege communication and (d) Incest.
3. Differentia between:
 - (a) Hanging and strangulation.
 - (b) Ante mortem burns and postmortem burns.
 - (c) Homicidal and suicidal death.

Part B

- What is the general management of a case of poisoning ? How will you preserve the viscera and other articles for chemical analysis?
2. Short notes:
 - (a) Rigor mortis ; (b) Professional secrecy ; and (c) Ezhumi
 3. Give signs and symptoms of starvation and give post mortem findings in a case of death by starvation.

SECOND BHMS DEGREE EXAMINATION, MARCH/APRIL 1997
FORENSIC MEDICINE AND TOXICOLOGY

Part A

1. Define Death. What are the various causes of sudden death ? Describe the post mortem appearances in a case of death due to Asphyxia.
2. Short notes:
 - (a) Rule of Horse.
 - (b) Positive signs of pregnancy.
 - (c) Dactylography.
 - (d) Jacquemiers sign.
3. Differences between:
 - (a) Strychnine poisoning and Tetanus.
 - (b) Antemortem wound and Post mortem wound.
 - (c) Impotence and Sterility.

Part B

1. Define Rape. How will you proceed to examine a young girl of 16 years on whom rape has been allegedly committed?
2. Short notes:
 - (a) Age of confusions.
 - (b) Subpoena.
 - (c) Tribadism.
3. Give sign and symptoms of acute and chronicle lead poisoning.

SECOND YEAR B.H.M.S. DEGREE EXAMINATION, DECEMBER 1996
FORENSIC MEDICINE AND TOXICOLOGY

Part A

1. What is Autopsy ? What are its objects and what are the rules you. should follow for Medico legal Autopsies,
2. Write short notes:
 - (a) Precipitate labour.
 - (b) Brostal school.
 - (c) Tatto marks.
 - (d) Adipocere.
3. Differentiate between:
 - (a) Rigormortis and Cadaveric spasm.
 - (b) Burns and Scolds.
 - (c) Fire arm wound — Wound of entry and exit.

Part B

- I. What is the difference between still born and dead born child ? How will you decide the child was born alive, and how long the child survived after birth?
2. Short notes:
 - (a) Plumbism.
 - (b) Testimoni capacity.
 - (c) Locord's principles of exchanges.
3. What is a drunk person? On what consideration as a medical practitioner you will base your opinion for the and what concluding tests will be performed by you?

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