

VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM

B.H.M.S. DEGREE EXAMINATION – February 2024

Second Year

FORENSIC MEDICINE AND TOXICOLOGY

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Classify corrosive poisons. Describe the Mode of action, signs and symptoms treatment and autopsy findings in a case of Phenol poisoning. Enumerate 5 contraindications of Gastric Lavage. (3+7+5)
- 2) Define incised wound and explain the features of incised wound. Differentiate Homicidal and Suicidal cut throat wounds. Add a note on Grievous Hurt as per IPC sec.
- 3) Define and classify Autopsy. Narrate the objectives of Autopsy. Name the Routine viscera to be preserved in a case of poisoning. (2+3+5+5)

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Explain principles and treatment of Snake bite.
- 5) Mention the classical signs and symptoms of Datura poisoning.
- 6) Define and classify Inquest. Add a note on Magistrate Inquest.
- 7) Enumerate the fractures of skull.
- 8) Discuss on Euthanasia and its types and its Medico-legal importance.
- 9) Define and classify antidotes with examples.
- 10) Tabulate the wound of Entry and Exit in Firearms.
- 11) Explain Wallace rule and its Medicolegal importance.
- 12) Define Forensic odontology. Enumerate the difference between temporary and permanent teeth.
- 13) Discuss infamous conduct with examples. What is penal erasure?
- 14) Discuss the factors modifying the action of poisons.
- 15) Discuss the mode of action and toxic effects of Organophosphorus poisoning.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Define Pseudo Virgin.
- 17) What is Forensic Trichology?
- 18) Discuss lochia and its types.
- 19) Discuss Surrogate motherhood.
- 20) Explain Café Coronary.
- 21) Define Incest. Is it punishable in India.
- 22) Describe Hegar's Sign.
- 23) Describe Cot death.
- 24) Explain dry wine.
- 25) Discuss Recochet bullet.

Sl.No: M23525

Course Code: 1610213

**VINAYAKA MISSION'S RESEARCH FOUNDATION
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B.H.M.S. DEGREE EXAMINATION – August 2023

Second Year

FORENSIC MEDICINE AND TOXICOLOGY

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Define and classify thermal injuries. Explain Wilson's classification of Burns. Differentiate Ante- mortem and Post- mortem burns. (5+5+5)
- 2) Define and classify evidence with example. Explain the procedure of recording of evidence in court of law. Add a note on conduct money. (5+5+5)
- 3) Define and classify Death. Enumerate muscular changes after death and Discuss mechanism of Rigor Mortis. Mention the differences between Rigor Mortis and cadaveric spasm. (5+5+5)

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Enlist the causes of impotency and sterility in males.
- 5) Define and classify intersex.
- 6) Explain signs and symptoms and treatment of acute phosphorus in poisoning.
- 7) Define and classify amentia as for IQ levels.
- 8) Enumerate the causes and mechanism of mechanical asphyxia.
- 9) Discuss on Dermatology phics.
- 10) Explain the various methods to procure criminal abortion.
- 11) Discuss mode of action, signs and symptoms and treatment.
- 12) Discuss on professional negligence in nux vomica poison.
- 13) Define and classify Antidots with examples.
- 14) Explain laceration and its types.
- 15) What is Liver Mortis? Differentiate it with confusion.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Perjury.
- 17) Punch Drunk.
- 18) Boxer's Attitude.
- 19) Run Amok.
- 20) Tardieu's spots.
- 21) Casper Dictum.
- 22) Podogram.
- 23) Corpus Delicti.
- 24) Dying Declaration.
- 25) Acrodynia.

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FORENSIC MEDICINE AND TOXICOLOGY

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Define Consent. Write down the types of Consent. Write down the rules of Consent in Medical practice.
- 2) Define Hanging. Write down the fatal period, types, cause of death, external and internal post mortem findings in case of hanging.
- 3) Write down the fatal dose, fatal period, signs and symptoms, cause of death, post mortem appearance and medico legal importance of Organophosphorus poisons.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Summon.
- 5) Dactylography.
- 6) Negative autopsy.
- 7) Embalming.
- 8) Difference between suicidal and Homicidal cut throat wound.
- 9) Contrecoup lesions.
- 10) Battered baby syndrome.
- 11) The Mental health act.
- 12) Antidotes.
- 13) Signs and symptoms of Cobra snake bite.
- 14) Signs and symptoms of Carbon monoxide poisoning.
- 15) Plumbism.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) i) IPC 319 ii) IPC 320
- 17) Pugilistic attitude.
- 18) Cause of death in Starvation.
- 19) Atavism.
- 20) Incest.
- 21) Lucid interval.
- 22) Acrodynia.
- 23) Mc.Ewan sign.
- 24) Carphologia.
- 25) Botulism.

**VINAYAKA MISSION'S RESEARCH FOUNDATION
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B.H.M.S. DEGREE EXAMINATION – October 2022

Second Year

FORENSIC MEDICINE AND TOXICOLOGY

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Define Identification. Write down the Identification data. Write in detail about the Medico – legal importance of Age.
- 2) Define Injury. Write down its classification and explain in detail about Abrasions.
- 3) Write down the fatal dose, fatal period, cause of death, signs and symptoms, treatment, post mortem appearance and medico – legal importance of Sulphuric acid poisoning.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Rights and privileges of Registered medical practitioners.
- 5) Exhumation.
- 6) Mummification.
- 7) Dowry death.
- 8) Filigree burns.
- 9) Judicial hanging.
- 10) Medical termination of Pregnancy Act.
- 11) Mc Naughten Rule.
- 12) Hydrargyrisms.
- 13) Treatment of Snake bite.
- 14) Signs and symptoms of Methyl alcohol poisoning.
- 15) Signs and symptoms of Nux vomica poisoning.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Death penalty.
- 17) Types of Death.
- 18) Whiplash injury.
- 19) i) IPC 304 A b) IPC 304 B
- 20) Quoad hoc.
- 21) Bestiality.
- 22) Name two ideal Suicidal poisons.
- 23) Run amok.
- 24) Hippus.
- 25) Judicial execution.

**VINAYAKA MISSION'S RESEARCH FOUNDATION
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**B.H.M.S. DEGREE EXAMINATION – April 2022
Second Year**

FORENSIC MEDICINE & TOXICOLOGY

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) What do you understand by infamous conduct? Give detail offences in relation to professional misconduct.
- 2) Define infanticide. Explain in detail about signs of live birth.
- 3) Classify poisons. Write in detail about sulphuric acid poisoning, signs, symptoms, cause of death, treatment and postmortem findings.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Dying declaration.
- 5) Euthanasia.
- 6) Mental health act.
- 7) Malingering.
- 8) Tattoo marks.
- 9) Post mortem hypostasis.
- 10) Stab wound.
- 11) Write down the difference between arsenic poisoning and cholera.
- 12) Gastric lavage.
- 13) Signs and symptoms of datura poisoning.
- 14) Signs and symptoms of opium poisoning.
- 15) Characters of ideal homicidal poison.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Medical etiquette.
- 17) Atavism.
- 18) Rule of Hasse.
- 19) Tachnoivr.
- 20) Diatoms.
- 21) Exit wound.
- 22) Arsenophagists.
- 23) Hip pus.
- 24) Suis.
- 25) Name four cardiac poisons.

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**B.H.M.S. DEGREE EXAMINATION – October 2021
Second Year**

FORENSIC MEDICINE AND TOXICOLOGY

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) What are all the data used for human identification for civil and criminal cases?
- 2) Define drowning. Classify its types, mechanism and post mortum appearance of drowning.
- 3) Action, signs, symptoms, treatment and post mortum appearances of Arsenic poisoning.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Inquest and types of inquest.
- 5) Professional secrecy.
- 6) The workmen's compensation act.
- 7) Grievous hurt.
- 8) Exhumation.
- 9) Rigor mortis.
- 10) Incised wound.
- 11) Rule of nine.
- 12) Testamentary capacity.
- 13) Vitriolage.
- 14) Signs and symptoms of nux vomica poisoning.
- 15) Phossy Jaw.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Red Cross emblem.
- 17) Medical ethics.
- 18) Cephalic index.
- 19) Penal erasure.
- 20) Kleptomania.
- 21) Entrance wound.
- 22) Chelating agents.
- 23) Mc Ewan sign.
- 24) Carboluria
- 25) Run amok.

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**B.H.M.S. DEGREE EXAMINATION – August 2021
Second Year**

FORENSIC MEDICINE AND TOXICOLOGY

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Define Absorption. Write down its classification and explain in detail about the methods of procuring criminal abortion.
- 2) Write down the difference between suicidal cut - throat and Homicidal cut - throat wound.
- 3) Write down the fatal Dose, Fatal period, action, Cause of death, Signs and symptoms, treatment and postmortem findings of Chronic Lead poisoning.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Define Inquest and Write down the types of inquest in detail.
- 5) Write down the functions of Indian Medical Council.
- 6) Write down the Medico - legal importance age.
- 7) Define Autopsy. What are the objectives of medico - legal Autopsy.
- 8) Write down the three different modes of Death and explain about comatose Death.
- 9) Explain about Mummification with its Medio - legal importance.
- 10) Fatal Dose, Fatal period, Signs and symptoms of Datura Poisoning.
- 11) Fatal Dose, Fatal period, Signs and symptoms of Nux Vomica Poisoning.
- 12) Signs and symptoms of viper snake bite with its treatment.
- 13) The Drug and Cosmetic Act.
- 14) Explain Ideal Suicidal and homicidal Poisoning with example for each.
- 15) Define Antidote. Explain physical Antidote with examples.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) Define Medical Jurisprudence.
- 17) i) Section IPC 300 ii) Section IPC 304 B
- 18) Crocodile flash burn.
- 19) Hangman's Fracture.
- 20) Robert Sign.
- 21) Fatal Dose and Fatal period of Oxalic Acid.
- 22) Phossy Jaw.
- 23) Suis.
- 24) Cause of death in Methyl alcohol Poisoning.
- 25) Carbon Monoxide automatism.

**VINAYAKA MISSION'S RESEARCH FOUNDATION
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**B.H.M.S. DEGREE EXAMINATION – December 2020
Second Year**

FORENSIC MEDICINE AND TOXICOLOGY

Time: Three hours

Maximum: 100 marks

I. Write long essays on any **TWO** of the following: (2 x 15 = 30)

- 1) Define drowning. Write down the fatal period, types, cause of death, external and internal postmortem of drowning.
- 2) Define Burn. Explain the varieties of burn, cause of death, degree of burns, external and internal postmortem finding of burns.
- 3) Write down the fatal dose, fatal period cause of death, signs & symptoms, treatment and postmortem finding of methyl alcohol poisoning.

II. Write short essays on any **TEN** of the following: (10 x 5 = 50)

- 4) Explain summon and its punishment
- 5) Define privileged communication. Explain the condition by giving three examples.
- 6) Explain skull- photo superimposition.
- 7) Explain about rigor mortis with its Medico- legal importance.
- 8) Explain Mc Naughten rule with its Medico- legal importance.
- 9) Treatment and postmortem findings of organophosphorus poisoning.
- 10) Fatal dose, fatal period, signs and symptoms of cobra snake bite.
- 11) Write down the signs and symptoms of carbon monoxide poisoning.
- 12) Medical termination of pregnancy act.
- 13) Explain gastric lavage. Write down its complications and contraindication.
- 14) Define antidote. Explain about chemical antidote with examples.
- 15) Hydrargyris.

III. Write short notes of the following: (**Answer ALL**): (10 x 2 = 20)

- 16) What are the capital punishment?
- 17) a. Section IPC 192 b. Section IPC 197
- 18) Explain Puppe's Rule.
- 19) Fatal period of starvation.
- 20) Quoad hoc.
- 21) Sodomy.
- 22) Magnan's symptom.
- 23) Name the Alkaloid of Nux. Vomica.
- 24) Hippus.
- 25) Oochronosis.