

Question Paper

Exam Date & Time: 24-Jan-2025 (10:20 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD PROFESSIONAL YEAR MBBS PART I DEGREE EXAMINATION - JANUARY 2025
SUBJECT : FORENSIC MEDICINE & TOXICOLOGY
(CBME SCHEME)

Marks: 80

Duration: 160 mins.

Answer all the questions.

Essays:

- 1) A person was admitted to hospital for pain abdomen. On examination he was diagnosed as case of acute appendicitis for which surgery was advised. Two days after the surgery he developed abdominal cramps and collapsed. At autopsy intestinal perforations were noted and an artery forcep was recovered from abdomen. The case was booked for medical negligence and subsequently the doctor was held guilty. Explain the specific grounds for negligence as evident in this case. Define medical negligence. List and explain the ingredients of medical negligence. (10)
(3+3+4 = 10 marks)
- 2) Nirbhaya case of 2012 was the basis of landmark amendments in Rape laws in India. Major amendments were made and entity of rape and its punishments were redefined. After the law Define rape as per section 375 IPC. Discuss punishment for rape. Add a note on statutory rape and custodial rape. (10)
(3+3+2+2 = 10 marks)

3. Write briefly:

- 3A) A person dies in the hospital while giving dying declaration. Discuss the validity of dying declaration with medicolegal issues involved in this scenario. (4)
- 3B) A young male was certified as dead after he suffered an electric shock but was found alive when taken for funeral. Diagnose and discuss the condition. (4)
- 3C) Discuss dissection technique employed during autopsy on a body suspected to have died due to neck compression. (4)
- 3D) Classify fingerprints based on pattern and mention its medicolegal significance. (4)
- 3E) Differentiate between incised wound and incised looking wound. (4)
- 3F) Differentiate between hesitation cuts and defence wounds. (4)
- 3G) Explain the features of entry wound in rifled firearm when fired at close range. (4)
- 3H) During a hearing on alleged negligence chief surgeon was held liable for mistakes committed by the junior surgeon working under him. Explain the principle involved in this decision. (4)
- 3I) List and explain any 4 acts of doctor amounting to infamous conduct. (4)

- 3J) On a hot sunny day during a long road trip the driver continuously feels presence of water on the road ahead him which disappears on approaching near. Identify the psychiatric condition driver is experiencing and differentiate it from hallucination with example. (4)
- 3K) A dead body was found suspending by a rope from the ceiling. Feet of body were touching the ground and knot was present at occiput. Identify the condition and explain the various causes of death in this condition. (4)
- 3L) An elderly male is brought to casualty with history of consumption of illicit liquor. He complains of unclear vision and severe headache. Identify the intoxicating agent and discuss the line of management. (4)
- 3M) A patient presented with features of high fever, convulsion, risus sardonicus and opisthotonus. Identify the poison and discuss its management. (4)
- 3N) A patient was brought to hospital with history of consumption of Parathion. Discuss the line of management. (4)
- 3O) Briefly explain principles of autonomy and Justice. (4)

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