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**RAN-2206000103040001****Third Year M.B.B.S. / Part 1 Examination January - 2023****Forensic Medicine and Toxicology (New Course)****Time: 3 Hours ]****[ Total Marks: 100****સૂચના : / Instructions**

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

☛ **Third Year M.B.B.S. / Part 1**

Name of the Subject :

☛ **Forensic Medicine and Toxicology (New Course)**Subject Code No.: **2206000103040001**

Seat No.:

Student's Signature

**SECTION 1**

**Que: 1** Classify sexual offences. Discuss various section of IPC regarding rape. Discuss the examination method and sample collection with their relevance in victim of rape. **(10)**

**Que: 2** **Applied questions (Any 2 out of 3)** **(12)**

- 1) Dead body of 30 years old male was found from road side having multiple injuries over body. On investigation by police officer, it was found that he was assaulted by two male persons having sword and hockey stick.
  - a) Enumerate the possible injuries by these two weapons.
  - b) Discuss in detail about incised wound with its medico-legal aspects.
- 2) A 25 years old married female is found hanging with dupatta in her room which was locked from inside. Describe the autopsy findings in this case which may suggest complete and typical hanging with prolonged suspension time.
- 3) A dead body of 16 yrs old female brought to casualty with history of ill-legal abortion at home. In this case,
  - a) What are the various causes death following criminal abortion?
  - b) What are the general duties of doctor in criminal abortion?

**Que: 3 Short notes. (Any 4 out of 5) (16)**

- 1) Difference between entry and exit bullet wound
- 2) Discuss probable signs of pregnancy
- 3) Medico-legal aspects of blood and its stain
- 4) Discuss Battered baby syndrome
- 5) Difference between magistrate inquest and police inquest

**Que: 4 Answer in 2 or 3 lines. (Any 6 out of 7) (12)**

- 1) Pond fracture
- 2) Subapnea
- 3) Algor mortis
- 4) Warrant case
- 5) Fetishism
- 6) Superfecundation
- 7) Immersion syndrome

**SECTION : 2**

**Que: 5 Classify inebriant poisons. Write in detail about clinical features, fatal dose, fatal period, treatment of methanol poisoning. (10)**

**Que: 6 Applied questions (Any 2 out of 3) (12)**

- 1) A 16 years old female brought to the casualty with history of taking 15 gm of plant fungicide having copper sulfate ( $\text{CuSO}_4$ ) orally. Discuss signs, symptoms diagnosis and management of this patient.
- 2) A 65 years male came to psychiatric OPD having c/o insomnia and restlessness. History reveals that he strongly believe that his wife cheated on him and she will kill him by giving poison in his food. He was explained properly but his belief still persists.
  - a) Elicit the probable diagnosis?
  - b) Explain in details about various types of it.
- 3) A farmer having bite marks over foot with severe swelling, cellulitis, hemoptysis, hematuria shifted to the nearest hospital. Discuss the diagnosis and management of the case.

**Que: 7 Short notes. (Any 4 out of 5) (16)**

- 1) Discuss Privilege communication
- 2) Testamentary capacity
- 3) Treatment of Carbon monoxide (CO) poisoning
- 4) Discuss signs, symptoms, treatment and medico-legal aspects of Aconite poisoning,
- 5) Discuss different preparations, treatment and medico-legal aspect of cannabis sativa.

**Que: 8 Answer in 2 to 3 lines. (Any 6 out of 7) (12)**

- 1) Warning Notice of State Medical Council
  - 2) Phossy jaw
  - 3) Feigned Insanity
  - 4) Illusion
  - 5) Carboluria
  - 6) Novus actus intervenies
  - 7) Hippius
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