

M.Sc. (Forensic Sci.) Semester - 2 (CBCS) Examination
May/June-2022 (New Course)
Forensic Medicine (Core)

Time: 2:30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Q1 (A) Answer all questions in short: (04)**
1. State the difference between Clinical and Cellular death.
 2. What is the difference between mode and manner of death? Give some example.
- Q1 (B) Answer any two questions out of three: (10)**
1. What do you know about postmortem cooling? How it can helpful in criminal investigation?
 2. Explain in details: Factors influencing of onset of postmortem hypostasis.
 3. Write a note on "Medicolegal importance of rigor mortis in criminal investigation."
- Q2 (A) Answer all questions in short: (04)**
1. Define asphyxia and give its various types.
 2. What are some differences between Gagging and Choking?
- Q2 (B) Answer any two questions out of three: (10)**
1. How will you differentiate between suicidal and homicidal hanging?
 2. What is the main different between Hanging and strangulation?
 3. State the importance of diatoms in drowning cases.
- Q3 (A) Answer in short: (04)**
1. What are some characteristics which give you ideas about antimortem or postmortem injury?
 2. State the difference between genuine wound and fabricated wound.
- Q3 (B) Answer any two questions out of three: (10)**
1. Which factors are influenced for prominence of a bruise?
 2. State the difference between suicidal and homicidal cut throat.
 3. What do you know about rule of nine? Explain it briefly.
- Q4 (A) Answer in short: (04)**
1. What is dowry death? Under which ipc or CrPC section it is defined?
 2. Explain: IPC section 375 and section 376
- Q4 (B) Answer any two questions out of three: (10)**
1. As a forensic expert how will you investigate arson type of crime specially Bride burning case
 2. What do you know about sexual assaults? Explain it briefly
 3. How will you proceed the collection and packaging of biological evidences in sexual assault crime scene?
- Q5 (A) Answer in short: (04)**
1. State the role of forensic anthropologist play during investigation.
 2. How can you differentiate the male skull to female skull? Give any four general characteristics.
- Q5 (B) Answer any two questions out of three: (10)**
1. As a Forensic anthropologist you have recovered one human skull, investigating officers would ask you about the sex and age of that human skull: how will you solve that quires?
 2. As a forensic anthropologist how can you differentiate the femur to male femur? Give any five points which give clear cut difference between both the sexes.
 3. Briefly explain about race determination techniques with the help of skull.
