

M.Sc.(Forensic Sci.) Semester - 2 (CBCS) Examination**April/May-2023 (NEW COURSE)****Forensic Medicine (Core)****Time: 2:30 Hours****Marks: 70****Instructions:**

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

Q.1(A) Answer the following questions. (04)

1. Explain the term 'dying declaration'.
2. What is the scope of virtual autopsies in the current era?

Q.1(B) Answer the following question. (Any Two) (10)

1. Give a brief account of the immediate and early post-mortem changes seen after death.
2. Elucidate mode and manner of death.
3. A decomposed body was found lying on the side of the road. The head was defaced and a tattoo was present on the right arm. How will you proceed with examination of the corpse?

Q.2(A) Answer the following questions. (04)

1. Compare and contrast between hanging and strangulation.
2. What is meant by atypical hanging?

Q.2(B) Answer the following question. (Any Two) (10)

1. Describe the different types of strangulation deaths.
2. Write short notes on "Diatom test" and "Gettler's test" for drowning cases.
3. What are the medicolegal aspects seen in smothering?

Q.3(A) Answer the following questions. (04)

1. What information can you decipher from a stab wound?
2. Define injury.

Q.3(B) Answer the following question. (Any Two) (10)

1. Write a note on fabricated injuries and their scope in forensic science.
2. Differentiate between lacerations and abrasions. Give their forensic significance.
3. Elucidate the classification of mechanical injuries with examples.

Q.4(A) Answer the following question. (04)

What is pugilistic attitude? Where is it seen? How is it formed?

Q.4(B) Answer the following question. (Any Two) (10)

1. Describe characteristic features seen in hit and run deaths.
2. Compare and contrast between scalds and burns.
3. What are the medicolegal aspects seen in railway injuries?

Q.5(A) Answer the following question. (04)

Distinguish between 'injury due to lightning' and 'injury due to electricity' with medicolegal significance.

Q.5(B) Answer the following question. (Any Two) (10)

1. Describe the features of an entry wound due to ammunition.
2. Briefly explain injuries due to explosions.
3. What are the signs observed post-mortem in deaths due to electrocution?
