

The West Bengal University of Health Sciences
M.D. (Forensic Medicine & Toxicology) May - June, 2023 Examination

Paper: I

Full Marks: 100

Time: 3 Hours

Attempt all questions

1. Discuss the anatomy of brain stem. What are the criteria of declaring a patient as brain stem dead in India? 5+5
2. Write in brief about coronary circulation. How is an atheromatous plaque graded based on its macroscopic appearance? 5+5
3. Write in brief about the anatomical and physiological changes in pregnancy. 10
4. Write down the recent classification of intersex persons. What are the DNA based methods of determination of sex? 7+3
5. Enumerate the different types of microscopes and their usage in specific cases in relation to forensic investigation. 10
6. Define Forensic Taphonomy. Discuss the advantages and disadvantages faced during autopsy to establish the cause of death due to the late changes in the body. 3+7
7. Discuss briefly about the process of ossification in humans. How do you determine whether a particular centre has undergone ossification during autopsy of an infant? 7+3
8. Discuss the medicolegal issues associated with stem cell transplantation. 10
9. Describe the stages of healing of fractures of long bones along with the radiological findings. 10
10. Write down the NHRC recommendations on autopsy in cases of custodial deaths. 10