

The West Bengal University of Health Sciences
MBBS 2nd Professional Examination, March 2021

Subject : Forensic Medicine & Toxicology

Full Marks : 40

Time : 2 hours

Attempt all questions. The figures in the margin indicate full marks.

1. a) An adolescent girl with history of alleged sexual assault has been brought to you for medical examination. 1+1+1+2
 - i) What is the minimum age of giving consent for such examination?
 - ii) Why presence of female attendant is necessary during such an examination?
 - iii) How would you examine the hymen in such cases?
 - iv) What are the materials to be preserved in such cases?

- b) Define & classify Injury. Enumerate the different types of Abrasions & mention their medico legal importance. 1+2+2

2. a) Write medicolegal importance of *any two* of the following: 2 x 2½
 - i) Tailing of an incised wound
 - ii) Scar mark.
 - iii) Choking of firearms.
- b) Write short notes of *any two* of the following: 2 x 2½
 - i) Feigned insanity.
 - ii) Temporary dentition.
 - iii) Entry wound in a fire arm injury.

3. a) Differentiate between *any two* of the following: 2 x 2½
 - i) Dying declaration & Dying deposition.
 - ii) Civil negligence & Criminal negligence.
 - iii) Antemortem & Postmortem thrombus.
- b) Explain *any two* of the following: 2 x 2½
 - i) Modified Y-shaped incision is suitable in hanging cases.
 - ii) Carbonaceous soot particles are not always present inside the lumen of trachea in antemortem burns.
 - iii) Impotence but not sterility is a ground for divorce.

3. a) A 30 years old female patient came to the emergency department of the hospital with history of suicidal poisoning with organophosphorus compound. 3+2
 - i) How would you manage such a case?
 - ii) What are the medico legal duties of a doctor in relation to such a case?

- b) Write the active principle of: 1+1
 - i) Cannabis.
 - ii) Yellow oleander.

- c) Write the mechanism of action of: 1 ½ x 1 ½
 - i) Activated charcoal.
 - ii) Cyanide.