

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

**Subject : Forensic Medicine & Toxicology**

**Full Marks : 40**

**Time : 2 hours**

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

1. a) A dead body of a young man was brought for medicolegal autopsy. On external examination a transverse ligature mark was noted over neck below the thyroid completely encircling the neck.
  - i) What is the probable cause & manner of death in this case?
  - ii) Enumerate different internal postmortem findings.
  - iii) Differentiate between hanging & strangulation. 1+1+3
  
- b) Define abortion. Write in brief about the diagnosis and evidence of criminal abortion in a dead body. Add a note medico legal importance of criminal abortion. 1+2+2
  
2. a) Write medicolegal importance of *any two* of the following: 2 x 2½
  - i) Rule of Nine
  - ii) Lucid interval
  - iii) Lochia.
- b) Write short notes of *any two* of the following: 2 x 2½
  - i) Screening tests for blood stain identification.
  - ii) Pseudo Hermaphrodite.
  - iii) Paraphilia.
  
3. a) Differentiate between *any two* of the following: 2 x 2½
  - i) Cephalohematoma and caput succedaneum.
  - ii) Rigor mortis & Cadaveric spasm.
  - iii) Antemortem & Postmortem hanging.
- b) Explain *any two* of the following: 2 x 2½
  - i) Abrasion is medicolegally superior to Bruise.
  - ii) Quickening is not a definite sign of pregnancy.
  - iii) Superficial burn injury is more painful than deep burn.
  
4. a) A 27 year old male patient while working in paddy field was bitten by a snake over his left ankle. After 4 hours he came at emergency with reddish urine. 1+1 +3
  - i) Which type of snake bite can present such symptom & what is the probable species?
  - ii) What are the other sign/ symptoms you expect in this patient ?
  - iii) How will you manage this patient?
- b) Explain why ethanol is used in methanol poisoning. 2½
- c) Write short note on chronic ganja psychosis. 2½