

The West Bengal University of Health Sciences
M.B.B.S. 2nd Professional Examination, 2017

Subject – Forensic Medicine & Toxicology

Time: 2hrs

Full Marks :40

Use Separate answer script for each group

Attempt all questions. The figures in the margin indicate distribution of marks in each question.

Group – A

1. a) Define Bruise. How can you determine the age of bruise? How does parallel bruise occur? 1+2+2
b) Define Rigor mortis. Describe in brief its mechanism of formation. Discuss the other conditions mimic Rigor Mortis 1+2+2

Group – B

2. a) Write down the medico legal importance of (**any two**) : 2 x 2 $\frac{1}{2}$
i) Hyoid bone
ii) Umbilical cord
iii) Saliva stain
b) Write Short notes on (**any two**) : 2 x 2 $\frac{1}{2}$
i) Latent finger print
ii) Vicarious liability
iii) Testamentary Capacity

Group – C

3. a) Differentiate between (**any two**) : 2 x 2 $\frac{1}{2}$
i) Professional Negligence & Infamous conduct
ii) Medico legal autopsy & Pathological autopsy
iii) Secretor & Non-secretor
b) Explain why (**any two**) : 2 x 2 $\frac{1}{2}$
i) In Court of Law, sometimes leading questions are permitted during examination in Chief
ii) Wilson's Second degree burn is most painful
iii) In extremes of age, Epidural haemorrhage is rare but subdural haemorrhage is common.

Group – D

4. a) Write clinical features and management in case of accidental ingestion of parathion. What are the precautions to be taken to minimize occupational exposure? 2+2+1
b) Write briefly on **any two** of the following : 2 x 2 $\frac{1}{2}$
i) Polyvalent anti-snake venom used in India.
ii) Anaemia and Basophilic stippling occur in chronic lead poisoning.
iii) Legal responsibilities of a medical practitioner attending a case of suspected poisoning.