

Second B.H.M.S. (2015) Examination, Winter - 2020
FORENSIC MEDICINE AND TOXICOLOGY

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
 - 2) **Do not** write anything on the **blank portion of the question paper.** If written anything, such type of act will be considered as an attempt to resort to unfair means.
 - 3) **All** questions are **compulsory.**
 - 4) The number to the **right** indicates **full** marks.
 - 5) Draw diagrams **wherever** necessary.
 - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
 - 7) **Use** a common answerbook for **all** sections.

1. Write short answer (any ten out of fifteen): [10 × 2 = 20]

- a) What are Diatoms?
- b) Kidnapping-2 sections
- c) Define bruise.
- d) 2 objectives of magistrates inquest. ✓
- e) What is Dichotomy?
- f) What is bansdola? ✓
- g) What is Poroscopy?
- h) Define artificial insemination.
- i) Active principles of Nux vomica.
- j) Erythism ✓
- k) Fatal dose and fatal period of Iodine.
- l) Fatal dose and period of paracetamol. ✓
- m) 2 Examples of pharmacological antidotes
- n) Hashish insanity.
- o) Fatal dose and period of croton Tiglium.

2. Write short answer (**any four** out of six) : [4 × 5 = 20]
- Workmen compensation Act.
 - Professional negligence.
 - Signs and symptoms of starvation.
 - Incised injury.
 - Schizophrenia
 - Criminal abortion
3. Write short answer (**any four** out of six) : [4 × 5 = 20]
- Narcotic drugs and psychotropic substances act.
 - Drugs and cosmetic act.
 - Kerosene poisoning.
 - Phossy jaw.
 - Drug dependence.
 - Signs and symptoms of snake bite.
4. Long answer question (**any two** out of four) : [2 × 10 = 20]
- Discuss rape in detail.
 - Define sudden death. What is its medico legal significance? Mention its various causes.
 - Classify mechanical injuries and discuss laceration.
 - Discuss estimation of age in detail.

Long answer question (any one from Q.No. 5, 6 and 7)

5. Discuss poisoning by organophosphorus compounds. [1 × 20 = 20]
6. Discuss Hydrocyanic acid poisoning in detail. [1 × 20 = 20]
7. Discuss the general principles of treatment of a case of poisoning. Add a note on toxicological evidence. [1 × 20 = 20]

