

**II SECOND PROFESSIONAL BHMS EXAMINATION 2022 CBDC SCHEME
FORENSIC MEDICINE & TOXICOLOGY
MODEL QUESTION PAPER 03**

Time: 03 Hours

Max. Marks 100

Answers to the MCQs no.i to x shall be written continuously only on pages 3 and 4 of your answer book.

1. Multiple choice questions – choose the correct option (01x10 =10 Marks)

- i. In which of the following conditions, permanent impairment of finger prints occur.
 - a. Epidermal injury
 - b. Leprosy
 - c. First degree burns
 - d. All the above

- ii. Most common type of finger print pattern is
 - a. Loop
 - b. Whorl
 - c. Arch
 - d. Composite

- iii. Fracture ala signature is
 - a. Linear skull fracture
 - b. Depressed skull fracture
 - c. Pond fracture
 - d. Gutter fracture

- iv. Which is the ideal preservative for organs in routine autopsy
 - a. Saturated saline
 - b. Rectified spirit
 - c. Formalin
 - d. Sodium fluoride

- v. According to MTP act, the opinion of 2 doctors is needed in pregnancy of
 - a. 10 weeks
 - b. >12 weeks
 - c. 6 weeks
 - d. > 20 weeks

- vi. Haemodialysis is done in all the poisoning except
 - a. Alcohol
 - b. Cocaine
 - c. Barbiturate
 - d. Kerosene oil

- vii. Green coloured urine is seen in poisoning with
 - a. Sulphuric acid
 - b. Carbolic acid
 - c. Nitric acid
 - d. Oxalic acid

- viii. 20- minute whole blood clotting test is done for poisoning with
 - a. Cobra
 - b. Krait
 - c. Viper
 - d. Rat snake

- ix. Antidote of paracetamol poisoning
 - a. N-acetyl cysteine
 - b. Naloxone
 - c. Thiosulphate
 - d. Atropine

- x. Epidemic dropsy is seen in
- Ricinus communis
 - Nerium odorum
 - Argemone Mexicana
 - Tabacum

Short answer questions

(05x08 =40 Marks)

2. Explain Super imposition technique and its MLI.
3. Explain the preservation and despatch of viscera in a case of poisoning.
4. Explain Widmark's formula and its practical applications.
5. Explain the Signs of a dead born child.
6. Explain the Signs of recent delivery in the living.
7. Describe briefly the history of development of Forensic Medicine in India.
8. Explain the signs and symptoms and diagnosis of phenol poisoning.
9. Explain Battered baby syndrome and its MLI

Long answer questions

(10x05 = 50 Marks)

10. Describe the signs and symptoms and postmortem appearance of chronic Arsenic poisoning. Add a note on the effect of this poison on postmortem changes. (6+4 = 10 Marks)
11. Define Rape. Write down the procedure of Medical Examination of victim of Rape. Define Statutory rape and its MLI. (3+5+2=10 Marks)

12. The body of an adult male who suffered from multiple striking with an iron rod over his head and body was brought for autopsy examination.

- a. Enumerate the probable injuries present on the head.
- b. What are the types of injuries you expect over the body in such an attack?
- c. Define and describe Ectopic contusions.
- d. How will you calculate the age of a contusion? (2+2+3+3 = 10 Marks)

13. Write down the provisions of (5+5=10 Marks)

- a. Consumer protection Act.
- B. Drug and cosmetic act.

14. Enlist the **EARLY** changes following death. Explain the changes occurring during **PUTREFACTION**. Add a note on **Casper's dictum**. (2+6+2=10 Marks)