

17-12-2024**1311****III-MBBS (Part-II)****Third Professional M.B.B.S. Part-I (Main) Examination (New Scheme)****December 2024****Forensic Medicine & Toxicology****Time: Three Hours****Maximum Marks: 100**Attempt all questions in both sections.

Section-A**1. Fill in the blanks:****6x1=6**

- a) The witness is liable to be prosecuted for perjury under IPC.
- b) Conduct money is paid in cases.
- c) is a psychological disorder where the woman has a false belief of pregnancy.
- d) Needles are formed by mixing abrus precatorius, dhatura, opium & onion are known as
- e) Colour of urine in carbolic acid poisoning is
- f) is compulsion to steal articles of little value.

2. Answer the following:**4x1=4**

- i. A woman was slowly poisoning her husband with arsenic by adding it in his food every day, which of the following is unlikely to be seen in him?
 - a) Acrodynia
 - b) Hyperkeratosis of palm & sole
 - c) Black foot disease
 - d) Bowen disease

ii. Following are the feature of viper snake bite except:

- a) Swelling & bleeding at site of bite
- b) Tachycardia
- c) Haemorrhage
- d) Respiratory muscle paralysis

iii. Finger prints first develops in how many weeks of IUL?

- a) 12-16
- b) 20-24
- c) 28-32
- d) 32-36

iv. A woman died within 5 years of marriage under suspicious circumstances. Her parents complained that her in-laws used to frequently demand for dowry. Under which of the following section can a magistrate authorize autopsy:

- a) Section 174 CrPC
- b) Section 176 CrPC
- c) Section 304 CrPC
- e) Section 302 CrPC

3. A body of a 25 year old person was brought to the mortuary for postmortem examination. The body was blackish in colour, bloated, foul smelling and maggots were crawling on it.

- a) Discuss the late changes that occur in a body after death, giving the approximate time duration. 05
- b) What is adipocere formation? 02
- c) Why does the body become cold after death? Explain the pathophysiology. 03

d) Discuss rigor mortis with its medicolegal importance. 05

4. Write briefly on (Any Five).

5 x 2 = 10

- a) Benefits of loco-parentis
- b) Pros & cons of privileged communication
- c) Antemortem V/s Postmortem burns
- d) Diagnosis of pregnancy (confirmative)
- e) Hallucination
- f) Cartridge of smooth bore firearm

5. Differentiate between (Any Three):

3 x 5 = 15

- a) Homicidal and Suicidal cut throat.
- b) Nux vomica and Tetanus.
- c) Firearm entry and Exit wound.
- d) Still born and dead born fetus.

Section-B

6. A semiconscious patient brought to emergency. On examination there are two punctured wounds on Rt foot, with swelling & bleeding from wound.

- a) What is diagnosis with reasoning? 04
- b) Describe features of viper snake bite and cobra snake bite. 06
- c) How will you treat a case of snake bite? 06
- d) Difference between poisonous & non-poisonous snakes. 04

7. Write briefly on (Any Five).

5 x 2 = 10

- a) Doctrine of Res Ipsa Loquitur

- b) Cadaveric spasm
- c) IPC-320
- d) Types of hymen
- e) Treatment of methyl alcohol poisoning
- f) Joule burn

8. Write short notes on (Any Four).

4 x 5 = 20

- a) Exhumation
- b) Confusion
- c) HCN poisoning
- d) Preservation of viscera
- e) Suspended animation
