

**M.B.B.S. FINAL PROFESSIONAL PART-I EXAMINATION, JANUARY-2023
FORENSIC MEDICINE & TOXICOLOGY (F.M.T.)**

[Time allotted: Three hours]

SET-A

[Max Marks: 100]

Q. 1. Multiple choice questions (Darken the single best response in OMR sheet. Time allotted 20 minutes) (1 x 20= 20)

1. Longitudinal section of fang of cobra snake is:



2. Methods of permanent sterilization are all, **except**:



3. In strangulation, hyoid bone is commonly fractured at:



4. Grazed abrasion is:



5. The muzzle of a gun is indicated by an arrow in:



6. Ewald's tube is:



7. One of the following may contain hydrocyanic acid:



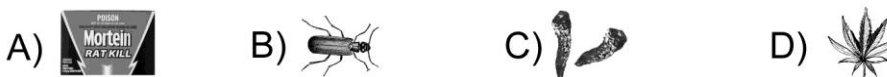
8. A poison whose features resemble tetanus is:



9. Commonest fingerprint pattern is:



10. A near ideal homicidal poison:



11. If blood group of both parents is "O", the blood group of the offspring will be:

- A
- B
- AB
- O

12. Permanent first molar normally erupts at:

- 6-7 years
- 7-8 years
- 8-9 years
- 9-10 years

13. Which is **not** a type of hymen?

- Infantile
- Annular
- Imperforate
- Filigree

14. After delivery the uterus returns to the pre-pregnant state in:

- 2 weeks
- 4 weeks
- 7 weeks
- 9 weeks

15. A child dying during labour is called:

- Still born
- Macerated
- Dead born
- Infanticide

16. Kleptomania is related to:

- Delusion
- Hallucination
- Obsession
- Impulse

17. "Suis" are prepared from:

- Abrus
- Datura
- Opium
- Cannabis

18. Myotoxic venom relates to:

- Cobra
- Krait
- Viper
- Sea snake

19. Absolute contraindication of gastric lavage is:

- Carbolic acid poisoning
- Sulphuric acid poisoning
- Unconscious patient
- Esophageal varices

20. Mc Ewen's sign is a feature of poisoning by:

- Alcohol
- Arsenic
- Aconite
- Acids

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Note: Attempt all questions.
Draw suitable diagrams (wherever necessary)

- Q. 2. Give reasons why:** (2 x 5 = 10)
- Positive Diatom test is a sure sign of antemortem drowning
 - A mentally unsound person is not criminally responsible for his act
 - Chocking is done in shotguns
 - Y-shaped autopsy incision is used in some cases
 - Gastric lavage is contraindicated in corrosive poisoning cases
- Q. 3. Problem based question:** (2.5 x 4 = 10)
- A 30 year old man was walking on the footpath on a dark night, when he was attacked by three unknown persons with multiple weapons. He remained unconscious at the spot until he was found in the morning by some people and sent to the hospital. A thick bamboo stick and a blood stained kitchen knife were recovered from the spot. Apart from many bleeding and other injuries, there was a black eye of the left side without any injury to the eye. Emergency surgery was done to remove blood clots from the cranial cavity.
- Give your view regarding consent for surgery in this case.
 - What injuries do you expect by the bamboo stick?
 - Give your explanation for the black eye.
 - What findings will lead you to the fact that the injuries are homicidal in nature?
- Q. 4. Write briefly on:** (6 x 4 = 24)
- Section 84 IPC
 - Infamous conduct
 - Signs of recent delivery
 - Treatment of organophosphorus poisoning
- Q. 5. Structured question:** (10 x 2 = 20)
- Classify the various courts and their powers.
 - Describe the procedure for giving evidence in a court of law.
- Q. 6. Answer as indicated:** (4 x 4 = 16)
- Write the differences between Impotence and sterility.
 - What is meant when it is said that hydrostatic test is positive.
 - Write the formula for calculating cephalic index.
 - Draw a labeled diagram to depict the various intracranial hemorrhages.