

17 APR 2026

26640

SEAT NO. \_\_\_\_\_

SECOND PROFESSIONAL B.H.M.S. EXAMINATION  
FORENSIC MEDICINE AND TOXICOLOGY  
SUBJECT CODE: HOM UG-FMT

TIME: 3 HOURS

TOTAL MARKS: 100

Instructions:

- [1] Draw Diagrams Wherever Necessary.
- [2] Figures to The Right Indicate Full Mark.
- [3] All Questions Are Compulsory

Q - 1

Multiple Choice Questions.

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- 1) DNA finger printing for identification was brought forth by
  - A) Alec Jeffrey's
  - B) Alphonse Bertillon
  - C) Francis Galton
  - D) Karl Landsteiner
- 2) The first muscle to show rigor Mortis is
  - A) Muscles of the neck
  - B) Muscles of the eyelid
  - C) Muscles of the Heart
  - D) Muscles of the lower limb.
- 3) The Graze is a form of :
  - A) Contusion
  - B) Abrasion
  - C) Lacerated wound
  - D) Incised wound
- 4) Hegar's sign is meant for the detection of;
  - A) Sterility
  - B) Virginity.
  - C) Pregnancy
  - D) Dead fetus.
- 5) The 'Threshold' dose refers to the-
  - A) Lowest dose at which toxic effect is observed
  - B) Highest dose at which toxic effect is observed
  - C) Average dose at which toxic effect is observed
  - D) Dose at which 50% of population experienced toxic effects.
- 6) Carboic acid is the common name of which chemical?
  - A) Sulfuric acid
  - B) Phenol
  - C) Nitric acid
  - D) Hydrochloric acid
- 7) Phosphorus is which type of poison?
  - A) Cardiac Poison
  - B) Corrosive Poison
  - C) Irritant Poison
  - D) Neurotoxic Poison
- 8) Drug that does not cause dependence:
  - A) LSD
  - B) Cannabis
  - C) Benzodiazepine
  - D) Opoids
- 9) Which of the following is the specific Antidote for Paracetamol Poisoning?
  - A) Atropine
  - B) Naloxone
  - C) Deferoxamine
  - D) N- acetylcysteine(NAC)
- 10) What is considered the most common substance abused in India?
  - A) Heroin
  - B) Cocaine
  - C) Nicotine
  - D) Alcohol

**Q – 2 Short Answer Questions**

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- 1) Discuss Privileged Communication with examples.
- 2) Comments on ossification of Bones from a medico legal standpoint to determine Age.
- 3) Discuss the causes of Impotency and Sterility in the female.
- 4) Duties of doctor in case of Suspected case of Poisoning.
- 5) General Characteristics, Symptoms and Signs of Oxalic Acid Poisoning.
- 6) Discuss Carbon Monoxide poisoning.
- 7) Discuss Acute Ethyl Alcohol Poisoning.
- 8) Discuss Nicotine OR Tobacco poisoning.

**Q – 3 Long Answer Questions**

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- 1) Write in details about Signs of Molecular or Cellular death.
- 2) Give a brief description of various kinds of Electric Burns.
- 3) Describe in detail the methods in common use to procure Abortion.
- 4) Give a brief account of poisoning from Ricinus Communis.  
Add a note on Toxalbumin {Phytotoxin}.
- 5) Describe Homoeopathic Practitioners Act (Professional Conduct, Etiquette & Code of ethics) regulations, 2022.

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