

# Rajiv Gandhi University of Health Sciences

II Year B.N.Y.S Degree Examination – OCT-2019

Time: Three Hours

Max. Marks: 80 Marks

## Forensic Medicine and Toxicology (RS-3)

QP Code: 2538

(QP contains two pages)

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Section - A

### Multiple Choice Questions

10 X 1 = 10 Marks

- Which of the following is used in Cyanide poisoning?
  - Amylnitrate
  - Sodium nitrate
  - Nitrate-thiosulfate
  - All the above
- Leading questions are asked in
  - Examination in-chief
  - Cross examination
  - Re-examination
  - All the above
- Antimortem drowning can be diagnosed by
  - Cutis and serena
  - Cyclops in stomach
  - Cyclops in lungs
  - Weeds and grass in the hands
- Inquest for death in custody is done by
  - Medical officer
  - Lawyer
  - Police superintendent
  - Magistrate
- Rule of Hasse is used for
  - Determination of sex
  - Estimation of age
  - Estimation of gestational age
  - Estimation of height
- In bullet injury maximum tissue injury is depends on
  - Distance of bullet
  - Velocity of the bullet
  - Shape of the bullet
  - Size of the bullet
- Cutaneous blisters are seen in poisoning with
  - Datura
  - Barbiturates
  - Potassium permanganate
  - Opium
- The age of eruption of first deciduous molar teeth is
  - 6-8 months
  - 8-10 months
  - 12-14 months
  - 20-30 months
- Sex can be established by examining the hair root cells for the presence
  - Davidson body
  - Barr body
  - Golgi body
  - Medullary index
- Semen stains in the cloths can be identified by

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- a) Infrared rays
- b) Magnifying lens
- c) Spectrometry
- d) UV rays

### Section B

#### LONG ESSAYS (Answer any two)

**2 X 10 = 20 Marks**

- 11. What are the legal duties of a doctor while treating a case of suspected poisoning? Discuss general principles of treatment of acute poisoning.
- 12. Enumerate immediate signs of death. Discuss changes occurring in the muscles after death.
- 13. Define Infanticide. Describe methods usually adopted for carrying out infanticide. Add a note on Hydrostatic test.

#### SHORT ESSAYS (Answer any ten)

**10 X 5 = 50 Marks**

- 14. Inquest
- 15. Consent in medical practice
- 16. Tattoo marks
- 17. Medicolegal autopsy
- 18. Euthanasia
- 19. Abrasions
- 20. Adipocere
- 21. Hanging
- 22. Causes of sterility in female
- 23. MTP Act 1971
- 24. Classify sexual offences. Add a note on unnatural sexual offence.
- 25. Inorganic irritant poisons

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