



RAN - 2007000102020001

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Second BHMS Examination

November - 2020

Forensic Medicine and Toxicology

(New Course)

[Total Marks: 100

સૂચના : / Instructions

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

☛ **Second BHMS**

Name of the Subject :

☛ **Forensic Medicine and Toxicology (New Course)**

Subject Code No.: **2007000102020001**

Seat No.:

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Student's Signature

Instructions:

- (1) Write New Question in Separate Page.
- (2) Write each section in Separate Supplement.

Section I

Q. 1 What is Identification? Give data of Identification . Write down about fingerprint under heading classification of Ridges, mode of production, technique of fingerprints, types of it, Medicolegal importance. Write note on poroscopy. **(15)**

OR

Q. 1 Define Pregnancy. Write down Medicolegal importance of pregnancy. How do you diagnose case of pregnancy? **(15)**

Q. 2 Define Asphyxia. Give types and causes of Asphyxial death. Describe Strangulation under heading, types, causes, sign and symptoms, postmortem appearance and Medicolegal importance. **(15)**

OR

- Q. 2** a) What is Forensic Medicine. Write down Important role of Forensic Medicine in Homoeopathy. (8)
- b) Define Adipocere. Write down mechanism of formation adipocere with Medicolegal importance. (7)
- Q. 3** **Write down Short Notes (Any three)** (15)
- 1) Professional misconduct
 - 2) Defence Wound.
 - 3) C.C.H constitution.
 - 4) Bestiality.
 - 5) MTP act.
- Q. 4** **Choose the appropriate option from given below.** (5)
- 1) Bite mark example of

a) Pressure abrasion	b) Graze abrasion
c) Scratch abrasion	d) Pattern abrasion
 - 2) Rape is define under

a) Section 320 IPC	b) Section 375 IPC
c) Section 376 IPC	d) Section 351 IPC
 - 3) False negative hydrostatic test in live born.

a) Atelectasis.	b) Meconium aspiration
c) Emphysema	d) Congenital heart disease.
 - 4) According to Rule of 9, perineum burns constitute

a) 1%.	b) 9%.
c) 18%.	d) 27%.
 - 5) Autopsy is done in which age group.

a) 18 years	b) 16 years
c) 21 years	d) All age group

Section II

- Q. 1** Write down fatal dose, fatal period, signs & symptoms, treatment and PM appearance of Arsenic Poisoning. (15)

OR

- Q. 1** Write signs, symptoms, fatal dose, fatal period, post mortem appearance and medico legal importance of Alcohol Poisoning in detail.

Q. 2 Give the general characters, fatal dose, fatal period, signs & symptoms, PM appearance & Medico-legal importance of Opium poisoning. **(15)**

OR

Q. 2 a) Write in detail general principles of treatment in any case of poisoning. **(8)**

b) Give detailed account of various types of antidotes. **(7)**

Q. 3 **Write short notes. (Attempt any Three)** **(15)**

1. Ricinus Communis.

2. Cardiac poisons.

3. Runamok

4. Marking nut

5. War gases

Q. 4 **Tick the correct answer in the following MCQ** **(5)**

1. From the burnt bones

a. Arsenic can be detected. b. Arsenic cannot be detected

c. Opium can be detected d. Iodine can be detected

2. Postmortem staining due to Carbon monoxide is

a. Cherry red b. Yellow

c. Chocolate d. Deep blue

3. Perforation of stomach and severe corrosion of surrounding viscera is seen in

a. Sulphuric acid b. Nitric acid

c. Hydrochloric acid d. Oxalic acid.

4. Exotoxin is produced by

a. Salmonella group b. Streptococci

c. Staphylococci d. Shigella group

5. Epidemic Dropsy is caused by consuming

a. Lathyrus Sativus b. Mustard oil

c. Argemone oil d. Mushrooms