

[LQ 152]

AUGUST 2020
(MAY 2020 SESSION)

Sub. Code: 2047

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

**PAPER I – FORENSIC MEDICINE IN RELATION TO MEDICINE AND
SURGERY, OBSTETRICS AND GYNAECOLOGY AND PAEDIATRICS**

Q.P. Code: 202047

Time : Three Hours

Maximum : 100 Marks

I. Essay: (2 x 15 = 30)

1. Discuss various types of artificial reproductive techniques and their medico-legal importance.
2. Describe the anatomy of the female genitalia and discuss its medico legal significance with special reference to criminal abortion.

II. Short notes: (10 x 5 = 50)

1. Disputed paternity.
2. Discuss spermatogenesis.
3. Discuss fat embolism.
4. Discuss septic shock.
5. Describe genito-urinary system of male.
6. Malignant hyperthermia.
7. Sudden Death in seizure disorder. Discuss the pathophysiology of Epilepsy in detail.
8. Mismatched blood transfusion.
9. Coronary circulation and its medico legal importance.
10. Punch drunk syndrome.

III. Reasoning Out: (4 x 5 = 20)

1. Can a homicide case be concealed as electrocution with both entry and exit wounds?
2. Why do we also include heart along with the lungs to carry out hydrostatic test to know the nature of birth, i.e. live or dead born?
3. Are Salivary marks around angle of mouth in alleged hanging death cases really a sure sign of antemortem hanging?
4. How are antemortem injuries in decomposed body to be interpreted?
