

[LQ 154]

AUGUST 2020
(MAY 2020 SESSION)

Sub. Code: 2049

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

**PAPER III – FORENSIC MEDICINE INCLUDING PHYSICAL
ANTHROPOLOGY AND FORENSIC ODONTOLOGY**

Q.P. Code: 202049

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Describe various mechanisms involved in death by compression of neck. How would you account for death in judicial hanging?
2. Enumerate various types of fibers and draw structures of each. Role of fibers evidence in crime?

II. Short notes:

(10 x 5 = 50)

1. Medico-legal autopsy on skeletal remains.
2. Effacement of identity.
3. Determination of cause of death and time since death in a charred body.
4. Steele and Mc Kern's method of estimation of stature.
5. Bite marks analysis and its medico legal significance.
6. Recent advancement in estimation of time since death in skeletal remains.
7. Embalming in Medico-legal cases.
8. Dyadic deaths.
9. Non accidental injuries in children.
10. Write about age estimation above 21 years and write a note on Raman spectrometry.

III. Reasoning Out:

(4 x 5 = 20)

1. During and after commotio cordis can the victim still move around?
2. What are the psychologic characteristics of physical child-abuse perpetrators?
3. For quantitative estimation of poison we are using TLC method but there is any alternative method used by other forensic laboratory?
4. How do we extract gunshot residue GSR from ethanol swabs?
