

[LG 154]

APRIL 2015

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 10 = 20)**

1. Discuss the role of Forensic pathologist in mass disaster.
2. Discuss the various factors that modify emptying of stomach. Explain their medicolegal importance.

**II. Short Questions:**

**(8 x 5 = 40)**

1. Cadaver donation.
2. Internal autopsy findings of asphyxia.
3. Stature from skeletal remains.
4. Osteometric indices in determination of race.
5. Preservation of biological materials for DNA profiling.
6. Circumstances influencing the onset and progression of putrefaction.
7. Characters of scar.
8. Endocrine causes of sudden death.

**III. Reasoning Out:**

**(4 x 5 = 20)**

1. Hyoid bone fracture can be seen in natural deaths.
2. Factors influencing floatation of a dead body on water.
3. Antemortem drowning and postmortem submersion.
4. Bruises are of lesser value than abrasions.

**IV. Very Short Questions:**

**(10 x 2 = 20)**

1. Lie detector.
2. Postural trauma callosities.
3. Exhibit bullet.
4. Brachial index.
5. Sydney shark case.
6. Spanish windlass technique.
7. Dermo epidermal burns.
8. Telephono.
9. Positive identification.
10. Determination of Non paternity.

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