

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[MD 0723]

**JULY 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 2048

M.D. DEGREE EXAMINATION

BRANCH XIV – FORENSIC MEDICINE

**PAPER II – FORENSIC PATHOLOGY, FORENSIC IMMUNOLOGY AND
FORENSIC BIOCHEMISTRY**

Q.P. Code: 202048

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Discuss Anatomy of Orbit and its contents. Write a note on its Medicolegal Significance.
2. Define Shock. Discuss in detail about its types, stages and post-mortem appearance.

II. Short notes:

(10 x 5 = 50)

1. Pathophysiology of Drowning.
2. Deep vein thrombosis.
3. Berry Aneurysm and its medicolegal importance.
4. Locard's principle of Exchange.
5. Medicolegal aspects of Blood grouping.
6. Adler's Test.
7. Joule Burns and its histopathological picture.
8. Airbag injuries.
9. Polymerase chain reaction.
10. Fat soluble vitamins deficiency.

III. Reasoning Out:

(4 x 5 = 20)

1. Negative autopsy a synonym of obscure autopsy.
2. Acid burns always produce coagulative necrosis.
3. Lichtenberg flower appearance produced by electrical burns.
4. Acid and alkaline rigor.
