

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002**

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MAY, 2025

FORENSIC MEDICINE

**PAPER – II
(PATHOLOGY AND MICROBIOLOGY)**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

10 X 10 = 100

1. Sudden deaths of cardiac origin
2. What are fat emboli? Briefly outline the various theories regarding their origin, with the pros and cons of each
3. What are Sheehan's haemorrhages? Briefly describe the conditions in which they are seen, the mechanism and their of their production, and their importance if any
4. Define "concussion" what are its Aetiopathology, symptoms and signs, and sequelae?
5. What are Sturmer's formula and Madea's formula? How are these used by forensic pathologists?
6. Classify allergies. Give various tests for allergies. What are its medico-legal implications?
7. Histopathology of various internal organs in case of death due to ante mortem burns
8. What is the importance of prostatic acid phosphatase in forensic science and how can time since intercourse be calculated using prostatic acid phosphatase?
9. What is embolism? How do you conduct post-mortem in a suspected case of thrombo embolism?
10. What are the principles and limitations of immunoassay in forensic practice and enumerate the importance of immunoassay in forensic practice.
