

[LQ 153]

AUGUST 2020
(MAY 2020 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 the substance that resembles blood stain and discuss in detail about collection of blood stain and various biochemical tests to confirm.
2. Describe the etiopathology of intra cranial haemorrhages. Describe the anatomy of circle of Willis.

II. Short notes:

(10 x 5 = 50)

1. Discuss wound healing and its medico legal importance.
2. Explain the mechanism of vaso-vagal inhibition.
3. Adult respiratory distress syndrome.
4. Recombinant DNA technology.
5. Write a note on erectile dysfunction and its medico legal issues.
6. Use of immunological tests in forensic practice.
7. Application of precipitin test in medico-legal investigations.
8. Bioterrorism as future medico – legal problem.
9. Discuss the pathophysiology of fracture of bone and its healing process.
10. Write about etiology of pancreatitis and its post-mortem findings.

III. Reasoning Out:

(4 x 5 = 20)

1. Why vitreous fluid is ideal for alcohol estimation?
2. Head rest in four wheeler is not resting head?
3. Virtual autopsy or traditional autopsy which will endure?
4. If a person lying down on the ground is stabbed on the sternum with sufficient force will there be any sort of trauma fracture on the spine?
