

[LG 153]

APRIL 2015

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 10 = 20)

1. Describe the pathology of wound healing. Discuss in detail the causes of death from wounds.
2. Discuss the value of chemical analysis of cerebrospinal fluid in ascertaining the time since death.

II. Short Questions:

(8 x 5 = 40)

1. Pathophysiology of oedema.
2. Demonstration of aembolism in dead.
3. Guidelines to certify homicide by heart attack.
4. Pathology of asphyxia.
5. Excited delirium.
6. Crush syndrome.
7. Herniation contusion of brain.
8. Gangrene and necrosis.

III. Reasoning Out:

(4 x 5 = 20)

1. Mental elements in culpable homicide.
2. Lightning while in an automobile/using telephone/ipod music system.
3. Gaping of the wound depends on its location.
4. Death is a process and not an event.

IV. Very Short Questions:

(10 x 2 = 20)

1. Apoplexy.
2. Wolf parkinsons white syndrome.
3. Environmental asphyxia.
4. Polyarteritis nodosa.
5. Coarctation of aorta.
6. Hyaline membrane disease.
7. Vitreous humour.
8. Post exercise peril.
9. Sago spleen.
10. Spurious wounds of burns.
