

[LJ 153]

OCTOBER 2016

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. State briefly the composition of human semen and describe in detail the morphology of normal human spermatozoa. Discuss the various tests done for the defecation of seminal stains.
2. Mention the common organisms causing wound infection. How do you investigate a case of death due to sepsis?

II. Short Questions:

(8 x 5 = 40)

1. Causes of pulmonary air embolism.
2. Endotoxic shock.
3. Coma.
4. Microscopic changes in myocardial infarction.
5. Anaphylactic deaths.
6. Time since injury in skull fractures.
7. Concussion brain.
8. Air blast.

III. Reasoning Out:

(4 x 5 = 20)

1. Abortion induced after 14-18 weeks attracts enhanced punishment.
2. In male victims of hanging, penis may be found turgid and erect.
3. Condition and type of issue modify size and shape of contusion.
4. Trauma can cause myocardial infarction.

IV. Very Short Questions:

(10 x 2 = 20)

1. Molecular death.
2. Café cormary.
3. Endogenous burns.
4. Ageing of bruises
5. Acute radiation syndrome.
6. Donation of cornea.
7. Valvular disease of heart.
8. Rh incompatibility
9. Post traumatic embolism.
10. Secretors.
