

QP Code: 101106

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Forensic  
Medicine (MD) June 2020**

**Paper I – Basic Medical Sciences**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Discuss the morphological changes occurring over symphyseal surface of pubis and its relevance in determining age by *Todd's method*. Add a note on *Mckern and Stewart's* modifications for the same.

**Short essays:**

**(8x10=80)**

2. Utility of radiographs in scientific investigation of crime.
3. Forensic anatomy of the base of the skull.
4. Drug synergism.
5. Aspartic acid racemization.
6. Nosocomial infections in autopsy room.
7. Physiology of gastric emptying and its forensic applications.
8. Cerebrospinal fluid and its forensic applications.
9. Pathophysiology of pulmonary edema

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