

QP Code: 101106

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Forensic  
Medicine (MD) May 2021**

**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. Draw and label the blood supply of heart. Briefly describe histopathological changes in myocardial infarction.

**Short essays:**

**(8x10=80)**

2. Define Forensic taphonomy. Discuss its utility for calculating time since death.
3. Thermoregulatory system
4. Explain Mitochondrial DNA. Write a note on Forensic importance.
5. How will you differentiate human hair and animal hair. Discuss the medico-legal importance of hair.
6. Clotting factors and coagulation cascade.
7. Anatomical, physiological and pathophysiology of erectile dysfunction
8. Drug synergism
9. Mycobacterium tuberculosis.

\*\*\*\*\*