

QP Code:103114

Reg. No.:.....

**PG Degree Supplementary Examinations in Physiology (MD)
April 2026**

Paper III - Physiological Chemistry, Biophysics and Radiation Biology

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. Starling's hypothesis and Oedema.

Short essays:

(8x10=80)

2. Excitatory Neurotransmitters.
3. Gibb's Donnan equilibrium.
4. Cytokines.
5. Physiological basis of murmurs.
6. Venous return.
7. Laplace law in Physiology.
8. Acclimatization.
9. Electroencephalogram.
