

QP Code:103114

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Physiology
(MD) November 2025**

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. Describe the mechanics of breathing. Mention about pulmonary pressures.

Short essays:

(8x10=80)

2. Electromyography.
3. Endocytosis.
4. G-Protein.
5. Cell adhesion molecules.
6. Artificial Respiration.
7. Mechanism of Action of hormone.
8. Sensory coding.
9. Blood brain barrier.
