

QP Code:104114

Reg. No.:.....

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

Paper IV - Applied Physiology Including Recent Advances

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. Different types of cell signaling and its clinical application.

Short essays:

(8x10=80)

2. Effects of pranayama in health and disease.
3. Application of molecular biology techniques in clinical practice.
4. Gene Regulation.
5. Autonomic function tests.
6. Immunotherapy.
7. Causes and management of ischemic stroke.
8. Metabolic syndrome and its impact on mental health.
9. Management of heart blocks.
