

QP Code:104114

Reg. No.:.....

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

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. Pathophysiology of stress.

Short essays:

(8x10=80)

2. Melatonin and its relation to sleep.
3. Dialysis.
4. Genetic coding.
5. Utility of electrophysiological tests in clinical practice.
6. Thyroid function tests.
7. Physiological basis of treatment of fever.
8. Implications of brain death.
9. Role of limbic system in maternal behavior.
