

QP Code:101114

Reg. No.:.....

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

**Paper I – General Physiology, Neuro Physiology including Special Senses and
Endocrinology including Reproductive Physiology**

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. Role of hypothalamus and other areas in brain in hunger, feeding and addiction.

Short essays: (8x10=80)

2. Management of Type II Diabetes mellitus.
3. Explain the physiological actions, regulation and clinical uses of glucocorticoids.
4. Deafness and its types.
5. Colour perception.
6. Extra pyramidal pathways.
7. Factors affecting the onset of puberty in females.
8. Second messengers.
9. Compare and contrast action potential curves in a skeletal muscle fibre and a ventricular muscle fibre.
