

PG Degree Supplementary Examinations in Physiology (MD)
January 2024

**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. Describe the connections and functions of basal ganglia. Add a note on Parkinsonism

Short essays:

(8x10=80)

2. Apoptosis
3. Endorphins
4. Theories of colour vision
5. Enterohepatic circulation
6. Compare and contrast olfaction and gustation
7. Physiological actions of aldosterone
8. Physiological basis of female infertility
9. Ventromedial hypothalamus
