

QP Code:101114

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Physiology  
(MD) June 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 nuclei, connection junctions, abnormalities of basal ganglia. Add a note on Parkinson's disease.

**Short essays:**

**(8x10=80)**

2. Describe the steps of excitation contraction coupling of smooth muscle.
3. Classify memory. Add a note on Alzheimer's disease.
4. Functional significance of cell adhesion molecule.
5. Puberty.
6. Recombinant DNA technology.
7. Acromegaly.
8. Oedema.
9. Theories of colour vision.

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