

QP Code: 101114

Reg. No.:.....

PG Degree Examinations in Physiology (MD) - May 2017

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

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essays: (20)

1. Describe the organization, connections and functions of basal ganglia. Add a note on parkinsons disease.

Short essays: (8x10=80)

2. Feed back mechanisms
3. Explain reciprocal innervation and withdrawal reflex with examples
4. Physiology of learning
5. Auditory pathway
6. Abnormal growth hormone secretion
7. Genesis of membrane potential
8. Regulation of aldosterone secretion
9. Temporary and permanent methods of contraception in females and its physiological basis.
