

QP Code:101114

Reg.No.:.....

PG Degree Examinations in Physiology (MD) - June 2015

**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. Discuss the role of basal ganglia in motor activity with the help of nuclear connections.

Short essays: (8x10=80)

2. Blood brain barrier
3. Structure and dynamic nature of the plasma membrane
4. Theories of colour vision
5. Organ of corti
6. Neural control of sex behaviour
7. Hypothalamo-hypophyseal regulation of ovulation and spermatogenesis.
8. Neuroendocrinal basis for the use of oral contraceptives.
9. Role of oxytocin in female reproduction.
