

QP Code: 101114

Reg. No.:.....

**PG Degree Supplementary Examinations in Physiology (MD) -
November 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. Explain the role of vestibular apparatus in the maintenance of equilibrium. Add a note on righting reflexes.

Short essays:

(8x10=80)

2. Cytoskeleton
3. Role of parathormone in calcium regulation
4. Physiological basis of therapeutic uses of cortisol
5. Hormonal changes that occur at puberty in males and females
6. Ascending reticular activating system
7. Prefrontal lobe syndrome
8. Fat metabolism in diabetes mellitus
9. Physiology of olfaction.
