

QP Code:101114

Reg.No.:.....

**PG Degree Supplementary Examinations in Physiology (MD) -
November 2014**

**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 neurophysiological changes that occur in different stages in a spinal animal following section at C₅-C₆ level of spinal cord.

Short essays: (10x8=80)

2. Functions of middle ear
3. Peroxisomes
4. Fetoplacental unit
5. Glucose transporters
6. Visual cortex
7. Descending pain modulating systems
8. Neuroendocrine mechanism of feeding behaviour
9. REM sleep
