

QP Code:104114

Reg.No.:.....

PG Degree Examinations in Physiology (MD) - May 2013

Paper IV - Applied Physiology Including Recent Advances

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Describe the pathophysiology of clinical features of lesion at internal capsule.
Explain the physiological basis of differences between upper motor neuron and lower motor neuron paralysis.

Short essays:

(8x10=80)

2. Stem cell therapy
3. Role of hippocampus in learning and memory
4. Acute mountain sickness
5. Brainstem auditory evoked responses (BAER)
6. Hypocalcemic tetany
7. Diabetes insipidus
8. Parkinson's disease
9. Ventricular arrhythmia
