

QP Code:104114

Reg.No.:.....

PG Degree Examinations in Physiology (MD) - June 2015

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 latest concepts on the neurophysiology of pain and its modulation

Short essays: (8x10=80)

2. Integrative centres of the nervous system
3. Brown sequard syndrome
4. Role of mitochondria in apoptosis
5. Non invasive techniques for assessment of cardiac efficiency
6. Pulmonary receptors in health and disease
7. Vitamins in erythropoiesis
8. Phonocardiogram
9. Haemolytic disease of the new born
