

QP Code:104114

Reg.No.:.....

**PG Degree Supplementary Examinations in Physiology (MD) -
November 2017**

Paper IV - Applied Physiology Including Recent Advances

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Describe in detail the mechanism of serum calcium regulation. Add a note on its abnormalities.

Short essays:

(8x10=80)

2. Q-T interval
3. Artificial kidney
4. Frank starling's law
5. Mechanism of oedema
6. Physiology of stress
7. Sleep apnoea
8. Alzheimer's disease
9. Heat shock proteins
