

QP Code:103114

Reg.No.:.....

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

Paper III - Physiological Chemistry, Biophysics and Radiation Biology

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Describe the photochemistry of vision in detail.

Short essays:

(8x10=80)

2. Auditory evoked potential
3. Free radicals
4. Effects of gravity on pulmonary blood flow
5. Trans mural pressure
6. Calcium binding proteins
7. Mechanism of triple response
8. Length tension relationship of cardiac muscle
9. ECG changes in electrolyte disturbances
