

OP Code:103114

Reg.No.:..... .

PG Degree Examinations in Physiology (MD) - May 2013

Paper III - Physiological Chemistry, Biophysics and Radiation Biology

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Discuss the velocity-flow-pressure relationships in circulation.

Short essays:

(8x10=80)

2. Management of radiation casualties
3. Patch clamping
4. Goldman-Hodgkin-Katz equation
5. Strength -duration relationship
6. Receptor potential
7. Denervation hypersensitivity
8. cAMP
9. Freshwater drowning
