

QP Code:102114

Reg.No.:.....

**PG Degree Supplementary Examinations in Physiology (MD) -
November 2013**

**Paper II - Systemic Physiology (Hematology, CVS, GIT, Respiratory System,
Renal Physiology)**

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. Describe the circulatory responses to neurogenic and circulatory shock

Short essays: (8x10=80)

2. Principles of electrocardiography.
3. Cheyne - Stokes respiration
4. Pressure changes during normal respiratory cycle.
5. Mismatched blood transfusion
6. T lymphocytes in immunity
7. Renin-angiotensin aldosterone mechanisms.
8. Counter current exchange mechanism in the kidney.
9. Enteric nervous system.
