

Q.P.Code:302379

REG. No:.....

**Final Year M.Sc Medical Physiology Degree Supplementary Examinations,
February 2014**

Time: 3 hrs

Max. Marks:- 100

PAPER II

**Physiology of Respiration, Renal Physiology, Skin & Temperature Regulation,
Principles of Biophysics as Applied to Physiology**

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

Essay: (20)

1. Name the respiratory centers. Explain the neural regulation of respiration.

Short Essays: (8x10=80)

2. Lung volumes & capacities
3. Oxygen transport in the blood
4. Mechanism of urine formation
5. Juxtaglomerular apparatus
6. Explain how the body temperature is regulated.
7. Active transport
8. End plate potential
9. Compliance of lung
