

Q.P.Code:302379

REG. No:.....

Final Year M.Sc Medical Physiology Degree Examinations, September 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. Explain the physiological process of formation and concentration of urine.

Short Essays: (8x10=80)

2. Describe the factors affecting oxygen haemoglobin dissociation curve.
3. Explain spirometry as a lung function test
4. Functions of skin
5. Define and classify hypoxia. What are the effects of hypoxia on the body.
6. Describe Surfactant
7. Describe Hering – Bruer reflexes
8. Explain the role of kidneys in the acid base balance.
9. Name the diuretics and explain its mechanism of action and uses
