

**Q.P.Code:302379**

**REG. No:.....**

**Final Year M.Sc Medical Physiology Degree Examinations, September 2015**

**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 transport of carbon dioxide in the blood in detail.

**Short Essays:** (8x10=80)

2. Timed vital capacity
3. Decompression sickness
4. Hyaline membrane disease
5. Peculiarities of renal circulation
6. Cystometrogram
7. Hypoxia
8. Measurement of different fluid compartments
9. Functions of skin

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