

**QP Code:101515**

**Reg.No.:.....**

**D.M. (Pulmonary Medicine) Degree Examinations - July 2014**

**Paper I – Applied Basic Science in Relation to General Medicine & Pulmonary Medicine**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. What are different pathophysiological mechanisms of hypoxia. Discuss different indices used for assessment of oxygenation. Add a note on oxygen toxicities

**(10+ 5 + 5)**

**Short essays:**

**(8x10=80)**

2. Role of surfactant in lung diseases
3. Trouble shooting in non-invasively ventilated patient
4. Vitamin D - Role and relevance in respiratory diseases
5. Assessment of functions of diaphragm
6. Small airway disease – Diagnosis and management
7. Empyema necessitans
8. CURB 65 score
9. Obesity and lung

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