

QP Code:101515

Reg.No.:.....

D.M. (Pulmonary Medicine) Degree Examinations - July 2015

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. Describe the development of the diaphragm. Add a note on hernias of the diaphragm. Explain the tests to assess the function of the diaphragm.

(7+7+6=20)

Short essays:

(8x10=80)

2. Consequences of aging on the lung.
3. Structure and function of surfactant.
4. Airway smooth muscle in health and disease.
5. Confidence interval.
6. Explain humeral immunity of the lung. Add a note on pneumococcal vaccines.
7. Discuss the gene association studies. Add a note on genetics of asthma.
8. Lung at high altitude.
9. Determinants of lung volumes.
