

QP Code: 101189

Reg. No.:.....

P.G. Diploma Supplementary Examinations in TB and Chest Diseases (DTCD) October 2019

Paper I – Basic Sciences as applied to TB and Chest Diseases

Time: 3 hrs

Max marks: 100

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

Essay:

(20)

1. Explain the composition, recycling and catabolism of surfactant. Write about types of surfactant proteins and their clinical significance.

Short essays:

(8x10=80)

2. Explain the staging of lung development
3. Control of ventilation
4. Oxygen equilibrium curve and its clinical significance
5. Ventilatory adaption during exercise
6. Respiratory physiology in normal pregnancy
7. Airway remodelling
8. Explain the lymphatic drainage of lung
9. Measurement of residual volume
