

QP Code: 101189

Reg. No.:.....

**P.G. Diploma Examinations in TB and Chest Diseases (DTCD)
April 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. Describe the development of diaphragm and discuss the various developmental anomalies.

Short essays: (8x10=80)

2. Dynamic compliance
3. Surfactant
4. Structure of cilia
5. Respiratory alkalosis
6. Global warming
7. Silhouette sign
8. Lung sequestration
9. Varenicline
