

QP Code: 101189

Reg. No.:.....

**P.G. Diploma Regular/Supplementary Examinations in TB and  
Chest Diseases (DTCD) June 2020**

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

**Time: 3 hrs**

**Max marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Describe the pulmonary circulation with special emphasis on its applied clinical importance.

**Short essays:**

**(8x10=80)**

2. Airway remodelling in asthma.
3. High altitude pulmonary oedema
4. Alveolo capillary membrane.
5. Metabolic acidosis.
6. Smoking cessation.
7. Virtual bronchoscopy.
8. Sildenafil.
9. Pneumocystis Jiroveci

\*\*\*\*\*