

**QP Code: 101189**

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

**P.G. Diploma Regular/Supplementary Examinations in TB and Chest Diseases (DTCD) May 2021**

**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 development of lung and developmental anomalies

**Short essays:**

**(8x10=80)**

2. Compliance of respiratory system
3. Clinical relevance of IgE.
4. Oxygen hemoglobin dissociation curve
5. Innervation of the Lung
6. Six-minute walk test
7. Chemoreceptors
8. CT anatomy of chest at the level of aorto pulmonary window, with the help of a diagram.
9. Surfactant role and importance in respiratory physiology and its clinical utility

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