

(LK 1540)

MAY 2017

Sub. Code:3052

**DIPLOMA IN TUBERCULOSIS AND CHEST DISEASES (DTCD)  
EXAMINATION**

**BASIC SCIENCES AS APPLIED TO PULMONARY MEDICINE**

*Q.P.Code: 343052*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe lymphatic drainage of lung and describe various stations of lymph nodes?
2. Describe lung volumes and capacities? Write briefly on diffusing capacity?

**II. Write notes on:**

**(10 x 7 = 70)**

1. Chemoreceptors.
2. Capnography.
3. Cardio Pulmonary Exercise Testing (CPET).
4. Broncho Alveolar Lavage.
5. Peak Flow Variability.
6. Cheyne Stokes Respiration.
7. Type – II Respiratory Failure.
8. Ventilation Perfusion Scan.
9. Congenital Kyphoscoliosis.
10. Development of Diaphragm.

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