

(LG 1540)

APRIL 2015

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 in detail types and patho physiology of respiratory failure.
2. Describe in detail respiratory muscles useful in increasing various diameters of thorax during respiration.

II. Write notes on:

(10 x 7 = 70)

1. Tracheal bronchus.
2. Lung compliance.
3. Mucociliary escalator.
4. Lobar consolidation – pathology.
5. Respiratory quinolones.
6. Pneumocystis jiroveci-microbiological tests.
7. Omalizumab.
8. Mycobacterium growth index tube.
9. Hyperinflation.
10. Granuloma.
