

(LQ 1540)

AUGUST 2020
(MAY 2020 SESSION)

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 the ultra structure of cilia in respiratory tract. What are the common developmental defects associated with it? Describe ciliary kinetic diseases.
2. Describe physiology of pleural fluid formation and causes of recurrent effusion.

II. Write notes on:

(10 x 7 = 70)

1. Cough receptors
2. Collar stud abscess
3. Inhaled antibiotics
4. Fate of a cavity
5. Omalizumab
6. Goblet cell
7. Rapid acetylation in INH
8. Airway remodelling
9. H1N1
10. Oxygen toxicity
