

(LP 1540)

OCTOBER 2019

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 defense mechanisms of respiratory tract and role of alveolar macrophages in respiratory defense.
2. Describe the various microbiological methods used to diagnose pulmonary tuberculosis.

II. Write notes on:

(10 x 7 = 70)

1. Root of lung.
2. Superior vena cava.
3. High altitude pulmonary edema.
4. Pulmonary aspergillosis.
5. Linezolid.
6. Inhaled corticosteroids.
7. Sweat chloride.
8. Entamoeba in lung.
9. Inflammatory mediators in Chronic obstructive pulmonary disease.
10. Respiratory acidosis.
