

# MD[ Tuberculosis & Respiratory Diseases]

BF/2009/05

## Basic Sciences as related to Tuberculosis and other Respiratory diseases

[Paper-I]

Time : 3 Hours

M.M.: 100

*Note: Attempt all questions.*

1. Describe anatomy of Broncho-pulmonary segments. Discuss etiopathogenesis of Chronic bronchitis. [20]
2. Describe etiopathogenesis, pathology and sites of Miliary tuberculosis. [20]
3. Classify the drugs used for the treatment of Bronchial Asthma. Describe the merits, demerits and therapeutic status. [20]
4. **Write brief notes on:**
  - a. Write WHO epidemiological status of T.B. in 2007. [10]
  - b. Global WHO epidemiological status of COPD. [10]
  - c. Various Lung capacity. [10]
  - d. Surfactant. [10]

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## Principles and Practice with Recent Advances of Tuberculosis

[Pulmonary & Non-Pulmonary]

[Paper-II]

Time : 3 Hours

M.M.: 100

*Note: Attempt all questions.*

1. Define Multi Drug Resistant Tuberculosis[MDR-TB] and discuss the management of an MDR-Pulmonary tuberculosis patient. [30]
2. Describe abdominal tuberculosis. Discuss its presentation, diagnosis and management. [30]
3. **Write notes on:**
  - a. Anti Retro Viral Therapy[ART]. [10]
  - b. Annual Risk of Tuberculosis Infection[ARTI]. [10]
  - c. Diagnosis of tuberculous pleural effusion. [10]
  - d. Endobronchial tuberculosis. [10]

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## Principles and Practice with Recent Advances of Non-tubercular chest diseases

[Paper-III]

Time : 3 Hours

M.M.: 100

*Note: Attempt all questions.*

1. Describe the etiology, diagnosis and management of malignant pleural effusion. [30]
2. Discuss the etiology, pathogenesis and management of Chronic Cor-Pulmonale. [30]
3. **Write short notes on:** [40]
  - a. Hepato-Pulmonary syndrome.
  - b. Therapeutic Bronchoscopy.
  - c. Transudative Pleural effusion.
  - d. Differences between Asthma and COPD.

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## Tuberculosis and Other Respiratory diseases

[Paper-IV]

Time : 3 Hours

M.M.: 100

*Note: Attempt all questions.*

1. Define principles of Pulmonary rehabilitation and its role in Interstitial Lung diseases. [35]
2. Discuss management of Tuberculosis with following conditions: [35]
  - a. HIV.
  - b. Pregnancy.
  - c. Hepatitis.
3. Write short notes on: [30]
  - a. Bacteriophage test for TB.
  - b. Classify Interstitial Lung diseases.
  - c. Complications of B.C.G.

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