Printing page (s): 1

Paper Code: MD-153

Roll No. | | | | | | | | | | |

M.D. Respiratory Medicine
EXAMINATION, April, 2014

Paper First

BASIC SCIENCES

Time: Three Hours] *[Maximum Marks: 100*

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Write an essay on pulmonary surfactant. [20

2. Tabulate various stages of lung development with time and growth characterstics. Describe hypoplasia of lung. [20

3. What happens to lung at high altitude during air travel and in space. [20

4. Why and where do we see— [10x2

   a. Ground glass opacification
   b. Traction bronchiectasis.

5. Write short notes on--- [10x2

   a. LPA
   b. 6MWT

****

Printing page (s): 1 Paper Code: MD-154

Roll No. | | | | | | | | | | |

M.D. Respiratory Medicine
EXAMINATION, April, 2014

Paper Second

TUBERCULOSIS

Time: Three Hours] *[Maximum Marks: 100*

Note: Attempt all questions in given order.

1. What is short course chemotherapy for pulmonary tuberculosis. Describe different regimes and explain the rationale behind their use. [25

2. Describe different populations of Mycobacteria in a patient of cavitary pulmonary tuberculosis. Which of the drugs are effective in each of them. [25

3. Write in details about Tubercular pleural effusion, including etio –pathogenesis, symptoms, signs, investigations, complications and management of such a case. [25

4. Write short notes on— [5x5
   a. BCG
   b. HIV & TB
   c. Tuberculosis in the Elderly
   d. TB in Pregnancy
   e. Pott's Spine

****

Printing page (s): 1 Paper Code: MD-155

Roll No. | | | | | | | | | | |

M.D. Respiratory Medicine
EXAMINATION, April, 2014

Paper Third

Respiratory Medicine

Time: Three Hours] *[Maximum Marks: 100*

Note: Attempt all questions.

1. Write short notes on followings. (Approx 150 words each): [4x5
   a. PEEP
   b. Treatment of Stage –I Sarcoidosis
   c. FEV1/FVC ratio
   d. Scimitar syndrome

2. Presentation, diagnosis and management of community acquired pneumonia. [6+7+7

3. Write short notes on following (Approx, 150 words each). [4x5
   a. Invasive aspergillosis
   b. Pulmonary manifestation of SLE
   c. Cryptogenic organizing pneumonia
   d. Pathology of Acute Severe Asthma.

4. Write in detail about clinical presentation, diagnosis and treatment of Bronchietasis. [6+7+7

5. Write short notes on (Approx 250 words) [2x10
   a. Chylothorax
   b. Pancoast tumor

****

Printing page (s): 1 Paper Code: MD-156

Roll No. | | | | | | | | | | |

M.D. Respiratory Medicine
EXAMINATION, April, 2014

Paper Fourth

Recent Advances in Respiratory Medicine & Critical Care

Time: Three Hours] *[Maximum Marks: 100*

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Discuss in detail about indications, technique, complications of Medical thoracoscopy. 20

2. Write short notes on— 10x2
   a. Alveoscopy
   b. LVRS

3. Write in detail about screening of lung cancer. 20

4. Describe role of immunotherapy in Respiratory Medicine. 20

5. Discuss briefly: 10x2
   a. Indacateral.
   b. Rifabutin.

****

Model Paper