

## M.D. Examination

## Respiratory Medicine : Branch XIV

## Paper-I

(Medical, Surgical &amp; Public Health aspect of Tuber)

[Max. Marks : 100

Date : 02-04-2019, Tuesday]

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates marks.  
(2) Write legibly and to the point.  
(3) Draw diagrams wherever necessary.

- Q1. Describe the role of newer antituberculosis drugs in the management of drug resistant tuberculosis in Indian revised national tuberculosis control programme. 20 marks
- Q2. Describe the segmental anatomy of the lung and its applied aspect. 20 marks
- Q3. Discuss important relevant features of:  
(a) Nikshay  
(b) Public private mix for tuberculosis control 20 marks
- Q4. Discuss the management tuberculosis in following situations: 20 marks  
(a) Psychiatric illness  
(b) HIV infection
- Q5. Write notes on: 20 marks  
(a) Cold abscess  
(b) Management of broncho pleural fistula  
(c) 99 DOTS  
(d) epituberculosis
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**M.D. Examination**  
**Respiratory Medicine : Branch XIV**  
**Paper II**  
**(General Medicine)**

**Date : 04-04-2019, Thursday]**  
**Time : 3 Hours]**

**[Max. Marks : 100**

- Instructions :** (1) Figure to the right indicates marks.  
(2) Write legibly and to the point.  
(3) Draw diagrams wherever necessary.

1. Discuss the etiopathogenesis, diagnosis and management of pulmonary thromboembolism. 20 marks
  2. Discuss the management of septic shock and its pulmonary complications. 20 marks
  3. Write notes on- 20 marks
    - (a) Pulmonary manifestations of systemic sclerosis
    - (b) Air embolism
  4. Write notes on- 20 marks
    - a) Drug induced cough
    - b) Management of H1N1 infection
  5. Write notes on- 20 marks
    - a) Pulmonary complications in renal failure
    - b) Diabetic ketoacidosis
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## M.D. Examination

## Respiratory Medicine : Branch XIV

## Paper III

## (Diseases of Chest other than T.B.)

Date : 08-04-2019, Monday]

Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicates marks.  
(2) Write legibly and to the point.  
(3) Draw diagrams wherever necessary.

1. Discuss the etiology, diagnosis and management of non-resolving pneumonia. 20 marks
  2. What is pulmonary rehabilitation? Describe the selection criteria, methodology, benefits and challenges related to pulmonary rehabilitation in respiratory diseases. 20 marks
  3. Mention causes of haemoptysis. How will you manage a case of massive haemoptysis. 20 marks
  4. Write notes on: 20 marks
    - (a) Pseudo chylothorax
    - (b) Syndromes associated with bronchiectasis
  5. Write notes on: 20 marks
    - a) Co morbidities in bronchial asthma
    - b) Cystic interstitial lung diseases
    - c) Alveolar proteinosis
    - d) Genetics in lung carcinoma
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## M.D. Examination

## Respiratory Medicine : Branch XIV

## Paper IV

## (Modern Trends &amp; Recent Advances)

Date : 10-04-2019, Wednesday]

Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicates marks.  
(2) Write legibly and to the point.  
(3) Draw diagrams wherever necessary.

1. Describe newer diagnostic modalities and future needs with respect of tuberculosis. 20 marks
  2. Define pulmonary arterial hypertension. Discuss recent trends in management of primary pulmonary hypertension. 20 marks
  3. Discuss the role of vaccination in the prevention of respiratory diseases. 20 marks
  4. Write notes on- 20 marks
    - a) Recent diagnostic criteria of allergic broncho pulmonary aspergillosis
    - b) Rational use of antimicrobials
  5. Write short notes on: 20 marks
    - a) Navigational bronchoscopy
    - b) Ultra LAMA
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