

FINAL EXAM  
 JUNE 2015

NATIONAL BOARD OF EXAMINATIONS

**TUBERCULOSIS & RESPIRATORY DISEASES / PULMONARY MEDICINE**
**PAPER – IV**

RPD/J/15/42/IV

Time : 3 hours

Max. Marks : 100

**Important instructions:**

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1.	a) What is virtual bronchoscopy? b) Clinical utility and limitations of virtual bronchoscopy.	4+(3+3)
2.	Principles, advantages and disadvantages of high frequency ventilation.	4+3+3
3.	Indications, technique and complications of bronchoprovocation tests.	4+4+2
4.	Role of bronchoalveolar lavage for the diagnosis and treatment of interstitial lung diseases.	4+6
5.	a) Principles of endobronchial ultrasound (EBUS). b) Role of EBUS in diagnosis of respiratory disorder.	4+6
6.	Medical thoracoscopy.	10
7.	Current management of patients with septic shock.	10
8.	Role of high-intensity non-invasive ventilation (NIV) in the long term management of COPD.	10
9.	a) Causes of non-resolving pneumonia. b) How will you investigate such a case?	5+5
10.	Etiology, clinical features, radiological features and management of primary spontaneous pneumo-mediastinum.	2+2+3+3

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