

**The West Bengal University of Health Sciences**  
**M.D. (Respiratory Medicine) July - August, 2021 Examination**

**Paper: I**

**Full Marks: 100**  
**Time: 3 Hours**

*Attempt all questions*

1. Discuss adventitious sounds of lung and their features in various lung disorders. 10
2. Write short notes on : 5+5
  - a) Procalcitonin
  - b) FENO.
3. State the principle and clinical usefulness of pulse oximetry. What is co-oximetry? 8+2
4. Discuss the causes, diagnosis and management of respiratory acidosis. 10
5. Discuss the radiological features of pulmonary emphysema. 10
6. Write short notes on : 5+5
  - a) Bochdalek hernia.
  - b) Kronig's isthmus.
7. Discuss a tuberculous granuloma with a labeled diagram. 10
8. Describe the pathogenesis of bronchiectasis. 10
9. Write briefly the evaluation of anterior mediastinal mass. 10
10. Write short notes on: 5+5
  - a) Pancoast tumour
  - b) Jugular venous pressure – clinical implication.