

**The West Bengal University of Health Sciences**  
**M.D. (Respiratory Medicine) March- April, 2020 Examination**

**Paper: I**

**Full Marks: 100**

**Time: 3 Hours**

*Attempt all questions*

1. Describe Azygos Lobe. Describe the Anatomy of Broncho- Pulmonary Segments. 3+7
2. Describe Control of Breathing. 10
3. Describe Structure of Mediastinum and Mediastinum tumours. 3+7
4. Discuss Flow Volume Loop and it's clinical applications in Diagnosis of Respiratory Disorders. 4+6
5. Write short notes: 5+5
  - a. Carcinoid Tumour.
  - b. Chylothorax.
6. Discuss the role of CT Thorax in Solitary Pulmonary Nodule (SPN). 10
7. Describe Acid- Base Imbalance and briefly discuss the Acid- Base Disorders. 3+7
8. Describe the Factors Influencing Pulmonary Circulation. 10
9. Describe the Pulmonary defence mechanism. 10
10. Describe the Ventilatory Lung Functions and their Pre Operative assessments. 5+5