

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

Paper: IV

Full Marks: 100

Time: 3 Hours

Attempt all questions

1. Discuss surgical and bronchoscopic lung volume reduction in advanced COPD. 10
2. Write short notes on: 5+5
 - a) Life threatening pulmonary manifestations of systemic lupus erythematosus.
 - b) Diagnostic criteria of lymphangioma myomatosis.
3. Which pulmonary diseases are contraindication to air travel ? Discuss hypoxic challenge test and its usefulness in assessing a patient for air travel. 5+5
4. Write short notes on : 5+5
 - a) ECMO
 - b) Post covid pulmonary complications
5. Write short notes on : 5+5
 - a) Sofa scoring system
 - b) GAP scoring system in IPF.
6. Discuss the immunogenic basis of SARS-COV-2 vaccination and the various vaccine platforms. 3+7
7. Write short notes on: 5+5
 - a) Chest HRCT scan features of fibrotic HP.
 - b) ISHAM criteria for diagnosis of ABPA.
8. What is alveolar haemorrhage ? Discuss causes and management with special reference to ANCA associated vasculitis. 2+8
9. Discuss the management of a patient with diffuse parenchymal lung disease in rheumatoid arthritis. 10
10. Write short notes on: 5+5
 - a) High flow nasal canula.
 - b) Impulse oscillometry.