

RESPIRATORY DISEASES

PAPER I

RPD/J/13/42/I

Time : 3 hours

Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:

1. What are the differentiating points between Acute Lung Injury (ALI) and ARDS? Mention at least six important extra-pulmonary causes of ARDS. Discuss briefly management of ARDS. 4+2+4
2. Prevalence, clinical features, radiological manifestations, monitoring and treatment of tuberculosis in diabetes mellitus. 2+2+2+2+2
3. Discuss cardiopulmonary manifestations of progressive systemic sclerosis and briefly outline its diagnosis and management. 3+4+3
4. Clinical indications and utility of cardiopulmonary exercise testing. 10
5. Indications, technique and complications of bronchoprovocation tests. 4+4+2
6. Describe briefly about pleuro-pulmonary amoebiasis. How will you managed such cases? 5+5
7. What are anti-neutrophil cytoplasmic antibodies (ANCA)? What is the importance of ANCA in respiratory diseases? 7+3
8. Enumerate extra-thoracic manifestations of sarcoidosis. Discuss special issues in the management of each condition. 3+7
9. Classify anti-retroviral drugs according to the mechanism of action. 10
10. Cardiovascular, metabolic and neuro-cognitive consequences of obstructive sleep apnea syndrome 5+3+2
