MODEL QUESTION PAPERS

PAPER 1—Applied aspects of Anatomy, Physiology, Biochemistry, Pathology, Pathophysiology, Microbiology& Radiology of TB & Chest diseases.

Time: Three hours Maximum: 100 marks

1. Discuss defense mechanism of lung

(20 marks)

2. Write short notes on:

a) Lung compliance

b) Newer diagnostic tools for tuberculosis

c) O2 dissociation curve

d) Hyperluscent lung on chest_X-ray

e) Role of sputum examination in lung disorders

f) Role of Eosinophyl in lung disease

g) Mechanism of granuloma formation in TB

h) Equal pressure point

(8x10 = 80 marks)

PAPER 2 - Pulmonary Tuberculosis & Extrapulmonary tuberculosis including Epidemiology and Control Programme.

Time: Three hours Maximum: 100 marks

1. Discuss the evolution and diagnosis of MDR-TB. Describe DOTD plus in the context of XDR-TB

(20 marks)

2. Write short notes on:

a) Clinical manifestation of abdominal TB

b) Non tubercular mycobacteriosis

c) Broncho-pleural fistula

d) Hepatotoxic anti TB drugs

e) Lag period

f) Lymphnode TB

g) Appriasal of RNTCP

h) Post TB sq\equelae

(8x10 = 80 marks)

PAPER 3 - Non Tuberculous Respiratory diseases.

Time: Three hours Maximum: 100 marks

1. Discuss the management of chronic persistent asthma

(20 marks)

2. Write short notes on:

a) Pathogenesis and diagnosis of silicosis

b) Preoperative pulmonary evaluation

c) Thoracoscopic lung volume reduction

d) Non specific interstitial pneumonia

e) Pulmonary infectons in HIV patient

f) Newer antifungal agents

g) Wegeners granulomatosis

h) obstructive sleep apnoea

(8x10 = 80 marks)

PAPER 4 - Recent advances in Respiratory Diseases including clinical immunology & air pollution.

Time: Three hours Maximum: 100 marks

1. Discuss the impact of air pollution on lung health

(20 marks)

2. Write short notes on:

a) Management of ventilator associated pneumonia

b) Assessing cost-effectiveness in medicine

c) Non-invasive ventilation

d) Newer phosphodiesterase inhibitors

e) Natural calamity and lung health

f) Assessing quality of life in COPD

g) Diagnosis of acute lung injury

(8x10 = 80 marks)