OCTOBER 1997

MS 332

DIPLOMA IN TUBERCULOSIS AND CHEST DISEASES

(New Regulations)

Paper I - BASIC SCIENCES AS APPLIED TO PULMONARY MEDICINE

Time: Three hours Max.marks:100

Answer All Questions

1. What are the causes of 'Anoxia'? Describe in detail about oxygen transportation to the tissues. (25)

2. Describe the anatomy of the mediastinum. What are the common diseases of the mediastinum? Describe the role of mediastinoscopy in the diagnosis of the same. (25)

3. Write briefly on: (5x10=50)

   (a) Closing lung volume

   (b) PEFR

   (c) Respiratory acidosis

   (d) Eventration

   (e) Pulmonary sequestration.

APRIL 1998

SV 355

DIPLOMA IN TUBERCULOSIS AND CHEST DISEASES

(New Regulations) Part I

Paper I - BASIC SCIENCES AS APPLIED TO PULMONARY MEDICINE

Time: Three hours Max. marks:100

Answer All Questions

1. Describe in detail diagramatically the venous drainage of thorax and discuss the diagnosis of a case of superior venacaval obstruction. (25)

2. Enumerate the inhalational diseases due to inorganic dust and describe the pathological features and radiographic findings of berylliosis. (25)

3. Write briefly on: (5x10=50)

   (a) Oxygen dissociation curve

   (b) Thoracoscopy

   (c) Evaluation of small airways function

   (d) Dead space and its role in respiratory failure

   (e) Use of ultra sonography in chest diseases.

APRIL 1999

[SG 1540] **Sub. Code : 3052**

DIPLOMA IN TUBERCULOSIS AND CHEST DISEASES EXAMINATION.

(New Regulations)

Part I

BASIC SCIENCES AS APPLIED TO PULMONARY MEDICINE

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Describe various non–respiratory functions of the lung with special reference to acid–base balance. (25)

2. Describe developmental anomalies of the lung and discuss immotilecilia syndrome. (25)

3. Write briefly on : (5 × 10 = 50)

   (a) Broncho–alveolar lavage.

   (b) Sleep – Apnoea.

   (c) New–vaccines against tuberculosis.

   (d) Toxic–effects of anti–tubercular drugs.

   (e) Flow–volume curve.

OCTOBER 1999

[KA 1540] **Sub. Code : 3052**

DIPLOMA IN TUBERCULOSIS AND CHEST DISEASES EXAMINATION.

(New Regulations)

Part I

BASIC SCIENCES AS APPLIED TO PULMONARY MEDICINE

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Discuss the role of FOB (Fibre Optic Bronchoscopy) in diagnosis of pulmonary diseases. (25)

2. Discuss the role of lung functions before surgery. (25)

3. Write briefly on : (5 × 10 = 50)
   (a) Pleural fluid formation
   (b) Diffusion
   (c) V/Q scan
   (d) Sleep apnoea study
   (e) Wing copliance.

APRIL 2000

[KB 1540] **Sub. Code : 3052**

DIPLOMA IN TUBERCULOSIS AND CHEST DISEASES EXAMINATION.

(New Regulations)

Part I

BASIC SCIENCES AS APPLIED TO PULMONARY MEDICINE

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Discuss the defences of respiratory system against invading bacteria. (25)

2. Discuss the principles of chemotherapy involved in short course chemotherapy and intermittent chemotherapy of tuberculosis. (25)

3. Write briefly on : (5 × 10 = 50)

   (a) Lymphatic drainage of lungs

   (b) Dyspnoea

   (c) Computed Tomography

   (d) Bronchopulmonary abnormalities

   (e) Drug Resistance.

OCTOBER 2000

[KC 1540] **Sub. Code : 3052**

DIPLOMA IN TUBERCULOSIS AND CHEST DISEASES EXAMINATION.

(New Regulations)

Part I

BASIC SCIENCES AS APPLIED TO PULMONARY MEDICINE

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Describe elasticity of lung. How it is affected in interstitial lung diseases? (25)

2. Describe developmental anomalies of trachea and complications and treatment. (25)

3. Write briefly on : (5 × 10 = 50)

   (a) Compliance of lung.

   (b) Pulm. stress test.

   (c) Toxicity of aminophyllin.

   (d) Digitalis therapy.

   (e) Sorbitrate.