APRIL - 1996

AK 41

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch I - Thorecic Surgery

(Revised Regulations)

Paper III - THORACIC AND CARDIO VASCULAR SURGERY

Time: Three hours Max. marks:100

Answer All Questions

1. Describe the lymphatic drainage of the lungs and discuss in detail the management of lung cancer. (25)

2. Discuss the congenital left ventricular outflow tract (LVOT) obstructions and describe their management. (25)

3. Write short notes on: (5x10=50)

   (a) Blood conservation in open heart surgery

   (b) Aortic valve reperative surgery

   (c) Annuloplasty rings

   (d) AICD (Autometic implantable cardioverter defibrillator)

   (e) ECMO (Extra Corporeal Membrane Gxygenator).

APRIL - 1997

MP 30

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch I - THORACIC SURGERY

(Revised Regulations)

Paper III - THORACIC AND CARDIO VASCULAR SURGERY II

Time: Three hours Max. marks:100

Answer All questions

1. Describe the development of aortic arch and the various vascular ring anomalies and their surgical management. (25)

2. Inotropic agents and their value in perioperative patient management. (25)

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

Fibrous skeleton of the heart

Pancoast tumour

Echocardiography in mitral valve disease

(d) Pathophysiology and management of cyanotic spells

(e) Thoracic outlet syndrome.

APRIL - 1998

SV 30

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch I - Thoracic Surgery

(Revised Regulations)

Paper III - THORACIC AND CARDIOVASCULAR SURGERY II

Time: Three hours Max.marks:100

Answer All Questions

1. Describe the methods of diagnosis and modalities of treatment of infective endocarditis. (25

2. Describe the embryology and anatomy of interventricular septum, the various developmental and acquired anomalies and their surgical management. (25

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

   (a) Fine Needle Aspiration Cytology in Thoracic Surgery (FNAC)

   (b) Post-operative pulmonary hypertensive crisis and its management

   (c) Acid base balance management following open heart surgery

   (d) Sternal dehiscence

   (e) Spontaneous haemothorax.

OCTOBER - 1998

[SM 027]

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch I — Thoracic Surgery

(Revised Regulations)

Paper III — THORACIC AND CARDIOVASCULAR SURGERY — II

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Discuss the surgical considerations in a redo-CABG operation. (25)

2. Describe the management of MR due to ischemic heart disease. (25)

3. Write briefly on : (5 × 10 = 50)

(a) Pleurodesis.

(b) Technique of radial artery harvesting.

(c) Endarterectomy.

(d) Prevention of spillage of secretions to other lung during pulmonary surgery.

(e) CABG surgery without cardio-pulmary bypass.

APRIL - 2000

[KB 027] Sub. Code : 1503

M.Ch. DEGREE EXAMINATION.

(Revised Regulations)

Branch I — Thoracic Surgery

Paper III — THORACIC AND CARDIOVASCULAR SURGERY — II

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Discuss the evolution of Fontan-type procedures; outline the postoperative complications and their management. (25)

2. Discuss the etiopathology of Coronary Artery Disease. Describe the causes of difficulties in weaning off bypass following coronary bypass surgery and their management. (25)

3. Write briefly on : (5 × 10 = 50)

(a) INFRACARDIAC TAPVC.

(b) Complications of Mitral Stenosis.

(c) Mediastinal Tumours.

(d) Pulmonary Arterio-Venous Fistula.

(e) Conduits for esophageal surgery.

OCTOBER - 2000

[KC 027] **Sub. Code : 1503**

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch I — Thoracic Surgery

(Revised Regulations)

Paper III — THORACIC AND CARDIOVASCULAR SURGERY — II

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. Describe the various modifications of Fontan Operation with special reference to the principle behind each modification. (25)

2. Describe the role of mitral valve apparatus in left ventricular contraction and enlist with illustrations, various mitral valve replacement techniques preserving the apparatus. (25)

3. Write briefly on : (5 x 10 = 50)

   (a) Classification of aorto pulmonary collaterals

   (b) Delayed sternal closure

   (c) Management of residual V.S.D.

   (d) Pulmonary autografts

   (e) Surgical treatment of thrombosed disc valve.