

MARCH - 1990

240

M.Ch. DEGREE EXAMINATION, MARCH 1990.

(Higher Specialities)

Branch — Thoracic Surgery

THORACIC SURGERY

Time : Three hours

Answer ALL the questions.

1. Discuss the pathology, diagnosis and management of carcinoma of middle third of the esophagus.
2. Discuss the aetiology and management of Tricuspid Incompetence.

Write short notes on :

- (a) Mediastinoscopy.
- (b) Use of potassium in cardiac surgery.
- (c) Cyclosporine.
- (d) Pulmonary aspiration biopsy.

SEPTEMBER - 1990

M.Ch. DEGREE EXAMINATION, SEPTEMBER 1990

(Higher Specialities)

Branch — Thoracic Surgery

Paper II — THORACIC SURGERY

Time Three hours

Answer ALL the questions.

1. Discuss the role of surgery in the management of P.W. syndrome.

2. Discuss aetiopathology, signs, symptoms and management of constrictive pericarditis.

Write short notes on :

- (a) Diaphragmatic pacing.
- (b) Fontan operation.
- (c) Reperfusion injury.
- (d) Cervical rib. _____

MARCH - 1991

144

M.Ch. DEGREE EXAMINATION, MARCH 1991.

(Higher Specialities)

Branch I — Thoracic Surgery

Paper II — THORACIC SURGERY

Time : Three hours.

Answer ALL the questions.

1. Surgical management of tricuspid incompetence.
 2. Aetiology and management of right ventricular outflow tract obstruction.
 3. Write short notes on :
 - (a) Assisted ventilation.
 - (b) Single ventricle.
 - (c) Sequestration of lung.
 - (d) Indication for surgery in pulmonary tuberculosis.
 - (e) Glenn's shunt.
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MARCH - 1992

M.Ch. DEGREE EXAMINATION, MARCH, 1992

Branch I - Thoracic Surgery

Paper II - THORACIC SURGERY

e: Three hours

Maximum: 100 Marks

Discuss the clinical features, diagnosis
and management of Fallots Tetralogy.
(25 Marks)

Discuss the role of Surgery in residual
lesions of Pulmonary Tuberculosis.
(25 Marks)

Write short notes on : 10 = 50

- a) Pericardial Cyst
- b) Broncho-pleural fistula
- c) Dissecting aneurysm of Aorta
- d) Flail Chest
- e) Bronchial Adenoma

SEPTEMBER - 1992

344]

M.Ch. DEGREE EXAMINATION, SEPTEMBER 1992

Branch Thoracic Surgery

Paper II — THORACIC SURGERY

Time : Three hours. Maximum 100 marks

1. Discuss the Etiology and management of Brocho-pleural Fistula. [25 marks]
2. Discuss the surgical treatment for carcinoma middle third of the oesophagus. [25 marks]
3. Write short notes on : (5 × 10 = 50 marks)
 - (a) Diaphragmatic rupture.
 - (b) Massive haemoptysis.
 - (c) Stricture Oesophagus.
 - (d) Tracheo Oesophageal Fistula.
 - (e) Fibreoptic Bronchoscopy.

MARCH - 1993

1120

M.CH. DEGREE EXAMINATION MARCH, 1993

Branch I - THORACIC SURGERY

OLD/NEW REGULATIONS

THORACIC SURGERY

Time: Three hours

Maximas: 100 Marks

1. Discuss the diagnosis and management of various forms of diaphragmatic Hernias. (25)
 2. Discuss the diagnosis and management of Aneurysm of descending thoracic aorta. (25)
 3. Write short notes on: (5 x 10=50)
 1. Ectopic cardis.
 2. Cardiac pacemaker.
 3. Hydatid cyst.
 4. Rendu-Osler-Weber Disease.
 5. Pericardiocentesis.
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APRIL - 1994

M.Ch DEGREE EXAMINATION

(Higher Specialities)

Branch I - Thoracic Surgery

(Old/New Regulations)

Paper II - THORACIC SURGERY

Time: Three hours

Max.marks:100

Answer ALL questions.

Discuss the surgical management of the complications of myocardial infarction. (25)

Discuss the embryology of coarctation of aorta and its management in a child. (25)

Write short notes on: (5 x 10 = 50)

- a. Esophageal manometry
- b. Collin's solution
- c. Cyclosporin A
- d. Endomyocardial fibrosis
- e. Thymoma

NOVEMBER - 1994

D 120]

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch Thoracic Surgery

(Old/New Regulations)

Paper II — THORACIC SURGERY

Three hours.

Maximum 100 marks.

Answer ALL questions.

- 1. Describe the pathophysiology and surgical management of thoracic outlet compression syndrome. (25)**
- 2. Describe the anatomy of the mitral valve and discuss various procedures for mitral valve repair. (25)**

Write short notes on: (5 × 10 = 50)

- (a) Oxygen free radical scavengers.**
 - (b) Utility of CAT scanning in thoracic surgery.**
 - (c) Left ventricular assist devices.**
 - (d) Broncho-pulmonary segments.**
 - (e) Dual chamber pacing.**
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APRIL - 1995

BB 120]

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch I — Thoracic Surgery

(Old/New Regulations)

Paper II — THORACIC SURGERY

Time: Three hours

Maximum: 100 marks

Answer ALL questions

Discuss Palliative procedures for carcinoma esophagus.
(25)

1 Describe the venous drainage of the heart and its relevance to retrograde cardioplegia.
(25)

Write short notes on: (5 × 10 = 50)

- (a) Subcostal approaches to mitral valve.**
- (b) Right ventricular outflow tract obstruction.**
- (c) Indications of surgery in pulmonary tuberculosis.**
- (d) Ebstein anomaly.**
- (e) Pancoast's syndrome.**

NOVEMBER - 1995

MB 120

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch I - Thoracic Surgery

(Old/New Regulations)

Paper II - THORACIC SURGERY

Time: Three hours

Max. marks:1

Answer All Questions

1. Discuss the current concepts about the early detection and management of carcinoma lung (21)
2. Discuss the diagnosis and management of gastro-oesophageal reflux. (21)
3. Write short notes on: (5x10=50)
 - (a) Post surgical broncho-pleural fistula
 - (b) Surgery for lower limb ischemia
 - (c) Thoracic outlet syndrome
 - (d) Endomyocardial fibrosis
 - (e) Retrograde cerebral perfusion

APRIL - 1996

AK 40

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch I - Thoracic Surgery

(Revised Regulations)

Paper II - THORACIC AND CARDIO VASCULAR SURGERY

Time: Three hours

Max. marks:100

Answer All Questions

1. Describe the various indications of systemic pulmonary shunts and discuss the criteria of adequacy of these shunts. (25)
2. Describe the various modifications of Fontan's procedure. (25)
3. Write short notes on: (5x10=50)
 - (a) Tricuspid annuloplasty
 - (b) Anomalous origin of left coronary artery
 - (c) Giant left atrium
 - (d) Extra cardiac conduits
 - (e) PEEP (Positive end expiratory pressure).

APRIL - 1997

MP 29

M.Ch. DEGREE EXAMINATION
(Higher Specialities)
Branch I - THORACIC SURGERY
(Revised Regulations)

Paper II - THORACIC AND CARDIOVASCULAR
SURGERY I

Time: Three hours

Max. marks:100

Answer All Questions

1. Merits and demerits of various arterial conduits in coronary artery bypass surgery. (25)
2. Describe the clinical features, haemodynamics and surgical management of constrictive pericarditis. (25)

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

Surgical approaches to mitral valve

Sternal dehiscence

Video-assisted thoracic surgery

Merits and demerits of different types of valvular prosthesis

(e) Intra-aortic balloon pump.

APRIL - 1998

SV 29

M.Ch. DEGREE EXAMINATION

(Higher Specialities)

Branch I - Thoracic Surgery

(Revised Regulations)

Paper II - THORACIC AND CARDIOVASCULAR
SURGERY I

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the pathogenesis, investigation and surgical management of recurrent haemoptysis. (25)
2. Discuss the embryology, classification and clinical presentation of Total Anomalous pulmonary Venous Connection (TAPVC). (25)
3. Write briefly on: (5x10=50)
 - (a) Cardiac myxomas
 - (b) Intra-operative echocardiography
 - (c) Flail chest
 - (d) Warm cardioplegia
 - (e) Congenital diaphragmatic hernias.

OCTOBER - 1998

[SM 026]

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch I — Thoracic Surgery

(Revised Regulations)

**Paper II — THORACIC AND CARDIOVASCULAR
SURGERY — I**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the evolution of univentricular (Fontan type) repair. (25)
2. Discuss the merits and demerits of various approaches and techniques for improving exposure of mitral valve during surgery. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Endothelial seeding.
 - (b) Management of anticoagulation during cardio-pulmonary bypass.
 - (c) Blood supply to spinal chord.
 - (d) Management of late problems following intra cardiac repair of Tetralogy of Fallot.
 - (e) Quadrangular resection.

APRIL - 2000

[KB 026]

Sub. Code : 1502

M.Ch. DEGREE EXAMINATION

(Revised Regulations)

Branch I — Thoracic Surgery

Paper II — THORACIC AND CARDIOVASCULAR
SURGERY — I

Time : Three hours

Maximum 100 marks

Answer ALL questions:

1. Give a diagrammatic presentation of various coronary artery patterns in Transposition of Great Arteries. Discuss the management of a 5-month old child with *d*-Transposition of Great Arteries. (25)
2. Discuss the etiopathology of lung abscess and its management. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Management of carcinoma lower end of esophagus.
 - (b) RE-DO Coronary Artery Surgery.
 - (c) Anatomy of Recurrent Laryngeal nerve and its surgical importance.
 - (d) Sino-Atrial Node.
 - (e) Cor Triatriatum.

OCTOBER - 2000

[KC 026]

Sub. Code : 1502

M.Ch. DEGREE EXAMINATION.

(Higher Specialities)

Branch I — Thoracic Surgery

(Revised Regulations)

Paper II — THORACIC AND CARDIO VASCULAR
SURGERY — I

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe the various mechanisms, pathophysiology and management of Blunt Chest Trauma. (25)
 2. Discuss the surgical management of pericardial diseases. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Carinal pneumonectomy
 - (b) Endovascular stent graft replacement
 - (c) Bronchial artery embolisation
 - (d) Management of multilocular emphyema
 - (e) Oesophagomyotomy.
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