

Tanta University

M.D. Examination

Faculty of Medicine

April 2016

Cardio-thoracic Surgery Department

Time Allowed : 3 hours

Paper I. (Cardiac Surgery)

Discuss the following:

1. Cardio-pulmonary Reperfusion Injury . (40 Degrees).

2. . Coronary Artery Bypass Surgery in Patients with Poor
Left Ventricular Function. (30 Degrees).

Give an Account on:

3. Unifocalization. (15 Degrees).

4. Vascular Rings and Slings. (15 Degrees).

Good Luck

M. D. Exam. (Surgical Anatomy and Embryology)

1. Discuss Surgical Anatomy of:

A. Right Pulmonary Vessels . (30 Degrees).

B. Esophagus (30 Degrees).

2. Discuss the relations of:

A. Cardiac Valves. (15 Degrees)

B. Left Atrium. (15 Degrees).

Good Luck

Examination for MD Degree in:
Course Title: Vascular Surgery
Surgical Anatomy
Date: 2016
Term: First Part
Time Allowed: 3 hours
Total Assessment Marks: 90 marks



Tanta University
Faculty of Medicine
Department of: General
Surgery

Discuss the surgical anatomy of the following:

- 1. Anatomy of the carotid sheath. 15 marks**
- 2. Anatomy of the vertebral artery. 15 marks**
- 3. Blood supply of the hand. 15 marks**
- 4. Anatomy of the portal vein. 15 marks**
- 5. Anomalies of the aortic arch 15 marks**
- 6. Blood supply of the spinal cord 15 marks**

Chairman of Department
Prof Dr. Mohamed Ali Attia

M. D. Exam. (Surgical Anatomy and Pathology)

1. Discuss Surgical Anatomy of:

A. Intercostal Space. (25 Degrees).

B. Subclavian Artery. (25 Degrees).

2. Discuss Surgical Pathology of:

A. Neuroendocrine neoplasms of the Mediastinum.
(25 Degrees).

B. Pulmonary embolism.
(25 Degrees).

Good Luck

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Cardio-thoracic Surgery Department

Time Allowed : $1\frac{1}{2}$ hours

Commentary

A Thirty years old gentleman is known to have heart disease. He was diagnosed as having severe Aortic Valve Stenosis.

Elective Surgery was scheduled. In the operating room, sternotomy was done and cannulation was carried out using Aortic cannula size 22 and two stage Venous cannula size 36/46.

Cardio-pulmonary Bypass was started and aorta was cross-clamped. Antegrade cold blood cardioplegia was given into the aortic root until electromechanical arrest was achieved.

After aortotomy, the field was flooded with blood continuously and this hindered the progress of the operation.

Comment.

Good Luck

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M.D. Examination

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End Year Exam. April 2016

Cardio-thoracic Surgery Department

Time Allowed : 3 hours

M. D. Exam. (Surgical Pathology)

Discuss Surgical Pathology of:

1. Tricuspid valve disease . (30 Degrees).
2. Acute lung injury. (30 Degrees).
3. Mesothelioma (30 Degrees).

Good Luck

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Faculty of Medicine

Cardio-thoracic Surgery Department

M.D. Examination

April 2016

Time Allowed : 3 hours

Paper II. (Chest Surgery)

Discuss the following:

1. Recent Advances in the management of Non-Small cell
Bronchogenic Carcinoma . (40 Degrees).
2. . Thoracic Sleeve Resections. (30 Degrees).
3. Esophageal Perforation. (30 Degrees).

Good Luck

Examination for MD Degree in:
Course Title: Vascular Surgery
Surgical Pathology
Date: 2016
Term: First Part
Time Allowed: 3 hours
Total Assessment Marks: 90 marks



Tanta University
Faculty of Medicine
Department of: General
Surgery

Discuss the surgical pathology of the following:

- 1. Carotid body tumour. 15 marks**

- 2. Portal vein thrombosis. 15 marks**

- 3. Giant cell arteritis. 15 marks**

- 4. Fibromuscular dysplasia. 15 marks**

- 5. Homocysteinemia 15 marks**

- 6. Atherosclerosis 15 marks**

Chairman of Department
Prof Dr. Mohamed Ali Attia