

MANIPAL ACADEMY OF HIGHER EDUCATION
(Deemed University)

M.Ch. (CARDIO VASCULAR THORACIC SURGERY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER-I: GENERAL THORACIC SURGERY

Monday, July 04, 2005

Max. Marks: 100

Time: 3 Hrs.

- ✍ Answer all the questions.
- ✍ Draw diagrams wherever appropriate.

1. Discuss the aetiology, clinical features and management of SVC syndrome.

2. Write short notes on:
 - 2A. Lymphatic drainage of lung.
 - 2B. Thoraco plasty.
 - 2C. Achalasia cardia.
 - 2D. Congenital diaphragmatic hernia
 - 2E. Extra thoracic non metastatic manifestations of carcinoma lung.
 - 2F. Rigid bronchoscope.
 - 2G. Management of massive hemoptysis
 - 2H. Tracheal stents

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M.Ch. (CARDIO VASCULAR THORACIC SURGERY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER-II: CONGENITAL HEART DISEASES

Tuesday, July 05, 2005

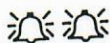
Max. Marks: 100

Time: 3 Hrs.

- ✍ Answer all the questions.
- ✍ Draw diagrams wherever appropriate.

1. Discuss the classification, clinical features and management of transposition of great arteries.

2. Short notes:
 - 2A. Grading of pulmonary vascular disease.
 - 2B. Management of hypertensive PDA.
 - 2C. Cyanotic spell.
 - 2D. Classification of TAPVC.
 - 2E. Ectopia cordis.
 - 2F. Pediatric heart transplant.
 - 2G. Role of prostaglandin's in Neonates.
 - 2H. Management of left SVC during atrial septal defect closure.



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M.Ch. (CARDIO VASCULAR THORACIC SURGERY) DEGREE EXAMINATION – JULY 2005

SUBJECT: PAPER-III: SURGERY OF ACQUIRED HEART DISEASE AND DISEASE OF MAJOR BLOOD VESSELS
Wednesday, July 06, 2005

Max. Marks: 100

Time: 3 Hrs.

- ✍ Answer all the questions.
- ✍ Draw diagrams wherever appropriate.

1. Describe the surgical anatomy of mitral valve. Discuss the various reconstructive procedures of mitral valve and its benefits.

2. Short notes:
 - 2A. Management of narrow aortic root.
 - 2B. Total arterial coronary artery bypass surgery techniques and advantages.
 - 2C. Complication of prosthetic valves.
 - 2D. Endomyocardial fibrosis, aetiology and management.
 - 2E. Merits and demerits of various approaches to mitral valve.
 - 2F. Centrifugal pump.
 - 2G. Aortic dissection, classification and management.
 - 2H. Intra aortic balloon pump.



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