

MANIPAL UNIVERSITY**M.Ch. (CARDIO VASCULAR AND THORACIC SURGERY) DEGREE EXAMINATION – JULY 2008****SUBJECT: PAPER – I: GENERAL THORACIC SURGERY**

Tuesday, July 01, 2008

Max. Marks: 100

Time: 3 Hrs.

✍ Answer ALL the questions.

✍ Draw diagrams wherever appropriate.

1. Describe the anatomy of Trachea. Discuss the aetiology and management of benign tracheal strictures.

2. Short notes:

2A. Pectus carinatum

2B. Indications of surgery in pulmonary tuberculosis

2C. Pancoast tumor

2D. Bronchogram

2E. Video assisted thoracoscopic surgery

2F. Lung volumes

2G. Management of chronic empyema

2H. High frequency jet ventilation.

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MANIPAL UNIVERSITY

M.Ch. (CARDIO VASCULAR THORACIC SURGERY) DEGREE EXAMINATION – JULY 2008

SUBJECT: PAPER-II: CONGENITAL HEART DISEASES

Wednesday, July 02, 2008

Max. Marks: 100

Time: 3 Hrs.

✍ Answer ALL the questions.

✍ Draw diagrams wherever appropriate.

1. Classify TAPVC. Discuss the clinical features, diagnosis and management.

2. Short notes:
 - 2A. Surgical technique of classical BT shunt.
 - 2B. Tansig Bing anomaly - brief discussion.
 - 2C. Management of TOF with pulmonary atresia.
 - 2D. Congenital postero lateral diaphragmatic hernia.
 - 2E. Use of nitric oxide in pediatric cardiac surgery.
 - 2F. Straddling left atrioventricular valves.
 - 2G. Cor triatriatum.
 - 2H. Postoperative care after pediatric heart surgery.

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MANIPAL UNIVERSITY

M.Ch. (CARDIO VASCULAR THORACIC SURGERY) DEGREE EXAMINATION – JULY 2008
SUBJECT: PAPER–III: SURGERY OF ACQUIRED HEART DISEASE AND DISEASE OF
MAJOR BLOOD VESSELS

Thursday, July 03, 2008

Time: 3 Hrs.

Max. Marks: 100

Answer ALL the questions.

Draw diagrams wherever appropriate.

1. Discuss the surgical management of aneurysm of aortic ascending, arch and descending aorta.

2. Write short notes on:
 - 2A. Complications of cardiopulmonary bypass
 - 2B. Ventricular assist devices.
 - 2C. Various approaches to mitral valve.
 - 2D. Total arterial coronary artery bypass surgery.
 - 2E. Bioprosthetic valves.
 - 2F. Management of left ventricular aneurysm.
 - 2G. Atrial Myxoma.
 - 2H. Anatomy of the aortic root.

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