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MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

M.Ch (CARDIO VASCULAR THERAPEUTIC SURGERY) DEGREE EXAMINATION – JULY 2002

SUBJECT: PAPER – I (THORACIC SURGERY)

Monday, July 01, 2002

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions.

Illustrate your answers with diagrams wherever appropriate.

1. Discuss embryology and anatomy of diaphragm. Discuss pathophysiology, clinical presentation and management of congenital diaphragmatic hernia of Bochdalek.

2. Write short notes on:
 - 2A. Ectopia cordis
 - 2B. High Frequency jet ventilation.
 - 2C. Video assisted thoroscopic surgery
 - 2D. Barret's oesophagus
 - 2E. Broncho-alveolar lavage.
 - 2F. Pleural mesothelioma
 - 2G. Middle lobe syndrome
 - 2H. Heart-Lung Transplantation.

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(Deemed University)

M.Ch (CARDIO VASCULAR THERAPEUTIC SURGERY) DEGREE EXAMINATION – JULY 2002

SUBJECT: PAPER – II (CONGENITAL HEART DISEASES)

Time: 3 Hrs.

Tuesday, July 02, 2002

Max. Marks: 100

➤ Answer all the questions.

➤ Illustrate your answers with diagrams wherever appropriate.

1. Describe embryology and anatomy of tricuspid valve. Discuss management of Ebstein's anomaly.
2. Write short notes on:
 - 2A. Goose neck deformity.
 - 2B. Senning procedure
 - 2C. Criteria for selection of Fontans procedure.
 - 2D. Coronary Cameral Fistula.
 - 2E. Surgery of supravalver aortic stenosis
 - 2F. Management of major aortico pulmonary collaterals (MAPCA)
 - 2G. John Kirklin
 - 2H. Scimitar syndrome.



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M.Ch (CARDIO VASCULAR THERAPEUTIC SURGERY) DEGREE EXAMINATION – JULY 2002
PAPER – III (SURGERY FOR ACQUIRED HEART DISEASES AND MAJOR BLOOD VESSELS DISEASES)

Time: 3 Hrs.

Wednesday, July 03, 2002

Max. Marks: 100

Answer all the questions.

Illustrate your answers with diagrams wherever appropriate.

1. Discuss pathophysiology, clinical presentation and management of post infarct ventricular septal defect.

2. Write short notes on:

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2A. Batista's operation.

2B. Surgery of WPW syndrome.

2C. Aprotinin.

2D. Bentall's procedure.

2E. Surgical management of Acute Aortic Dissection.

2F. Chordal reconstruction in mitral valve repair.

2G. Surgery of Hypertrophic obstructive cardiomyopathy.

2H. Complications of Intra Aortic Balloon pumping.

