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# MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

## DM (CARDIOLOGY) DEGREE EXAMINATION – DECEMBER 2005

SUBJECT: PAPER I

Monday, December 05, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer all the questions.**
  - ✍ **All questions carry equal marks.**
  - ✍ **Illustrate your answers with diagrams wherever appropriate.**

1. Write an essay on development of the mitral valve. Enumerate the congenital anomalies of the mitral valve and discuss the diagnosis and management of congenital mitral stenosis.
  
2. Write short essays on:
  - 2A. L V mass.
  - 2B. QT dispersion.
  - 2C. Newer risk factors for coronary artery disease.
  - 2D. Rheumatic nodules.
  - 2E. Diagnosis of PAH.
  - 2F. Special considerations in the diagnosis and management of TOF in an adult.
  - 2G. Essential elements of patient consent for procedures.
  - 2H. Carvedilol.

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# MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

## DM (CARDIOLOGY) DEGREE EXAMINATION – DECEMBER 2005

### SUBJECT: PAPER II

Tuesday, December 06, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍* **Answer all the questions.**
  - ✍* **All questions carry equal marks.**
  - ✍* **Illustrate your answers with diagrams wherever appropriate.**

1. Write an essay on the diagnosis and management of Endomyocardial fibrosis.
  
2. Write short essays on:
  - 2A. Mechanisms of sudden cardiac death.
  - 2B. Antithrombin substances.
  - 2C. Management of PTE.
  - 2D. Natural history of rheumatic mitral regurgitation.
  - 2E. Evaluation of a patient presenting with mild hypertension.
  - 2F. Blunt cardiac injuries.
  - 2G.  $\alpha$ -adrenoceptor blockers in cardiology practice.
  - 2H. Non-surgical management of atrial fibrillation.



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# MANIPAL ACADEMY OF HIGHER EDUCATION

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## DM (CARDIOLOGY) DEGREE EXAMINATION – DECEMBER 2005

### SUBJECT: PAPER III

Wednesday, December 07, 2005

Time: 3 Hrs.

Max. Marks: 100

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- ✍ **Answer ALL the questions.**
  - ✍ **All questions carry equal marks.**
  - ✍ **Illustrate your answers with diagrams wherever appropriate.**

1. Write an essay on neuro-cardiogenic syncope.
2. Write short essays on:
  - 2A. Management of prosthetic valve endocarditis.
  - 2B. Indications for Holter monitoring.
  - 2C. Tricuspid regurgitation.
  - 2D. Prevention of restenosis after PTCA.
  - 2E. Management strategies for a patient with acute chest pain during the first one hour of hospitalization.
  - 2F. Spiral CT in cardiology.
  - 2G. Pulmonary vein obstruction.
  - 2H. Digitalis toxicity.

