MANIPAL UNIVERSITY

DM (CARDIOLOGY) DEGREE EXAMINATION – JULY 2008

SUBJECT: PAPER I

Tuesday, July 01, 2008

Time: 3 Hrs.   Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams wherever appropriate.**

1. Write an essay on techniques being utilized for imaging vulnerable plaque.

2. Write short essays on:

2A. Intravascular ultrasound.

2B. 3-Dimensional echocardiography.

2C. Diastolic heart failure.

2D. Conotruncal anomalies.

2E. Diagnosis of primary pulmonary hypertension.

2F. Bivalirudin.

2G. Homocysteine in coronary artery disease.

2H. Nebivilol.

MANIPAL UNIVERSITY

DM (CARDIOLOGY) DEGREE EXAMINATION – JULY 2008

SUBJECT: PAPER II

Wednesday, July 02, 2008

Time: 3 Hrs.   Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams wherever appropriate.**

1. Write an essay on coronary anomalies encountered in complete and corrected transposition of great arteries.

2. Write short essays on:

2A. Diagnosis of fungal endocarditis.

2B. Doppler flow wire.

2C. Atherosclerosis regression.

2D. Aspirin resistance.

2E. Adult tetralogy of Fallot (ToF).

2F. Thrombolysis in pulmonary embolism.

2G. Apolipoproteins.

2H. Cardiac involvement in rheumatoid arthritis.

MANIPAL UNIVERSITY

DM (CARDIOLOGY) DEGREE EXAMINATION – JULY 2008

SUBJECT: PAPER III

Thursday, July 03, 2008

Time: 3 Hrs.   Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams wherever appropriate.**

1. Write an essay on approach to a patient who presents with recurrent episodes of syncopy.

2. Write short essays on:

2A. Left ventricular assist devices.

2B. Left atrial appendage closure device.

2C. Ezetimibe.

2D. Percutaneous valve replacement.

2E. Pre – hospital thrombolysis.

2F. Adriamycin cardiac toxicity.

2G. Use of distal protection devices in PCI.

2H. Late thrombosis in drug eluting stent.

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