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MANIPAL UNIVERSITY

DM (CARDIOLOGY) DEGREE EXAMINATION – JULY 2010

SUBJECT: PAPER I: PRINCIPLES & PRACTICE OF CARDIOLOGY – BASIC SCIENCE
BEARING CARDIOLOGY

Monday, July 05, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

☞ All questions carry TEN marks each.

1. Kawasaki Disease
2. Cardiac amyloidosis
3. Hs CRP
4. Connexins in Cardiology
5. Mechanics involved in squatting relieving symptoms in congenital heart disease
6. Neuro-cardiogenic syncope
7. Metabolic syndrome
8. Myocarditis
9. Criss-cross Heart
10. J.V.P. in clinical cardiology



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MANIPAL UNIVERSITY

DM (CARDIOLOGY) DEGREE EXAMINATION – JULY 2010

SUBJECT: PAPER II: CORONARY ARTERY DISEASES

Tuesday, July 06, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

☞ All questions carry TEN marks each.

1. Multivessel angioplasty
2. No reflow phenomenon and its management
3. Resure angioplasty
4. Coronary reserve flow
5. Complication of acute myocardial infarction
6. Current status of PCI in Acute STEMI
7. Distal protection devices
8. Problems associated with prosthetic valves and their management
9. Assessment of myocardial viability
10. Problems of drug eluting stents



Reg. No.

MANIPAL UNIVERSITY

DM (CARDIOLOGY) DEGREE EXAMINATION – JULY 2010

SUBJECT: PAPER III: CONGENITAL AND RHEUMATIC HEART DISEASES

Wednesday, July 07, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

☞ All questions carry TEN marks each.

1. Shone's complex
2. Quantitative assessment of regurgitant lesions
3. Assessment of prosthetic valve malfunction
4. Recognition and management of cyanotic spell
5. Culture negative endocarditis
6. Dynamic auscultation
7. Arrhythmogenic Right Ventricle
8. Jones Criteria
9. PFO
10. Drugs in pulmonary Hypertension



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MANIPAL UNIVERSITY

DM (CARDIOLOGY) DEGREE EXAMINATION – JULY 2010

SUBJECT: PAPER IV: OTHER CARDIO VASCULAR DISEASES

Thursday, July 08, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ All questions carry TEN marks each.

1. Intra aortic balloon pump (IABP)
2. Follow up assessment of permanent pacemaker
3. Prosthetic valve and pregnancy
4. Total artificial heart
5. Alcohol septal ablation
6. Endomyocardial biopsy
7. Ventricular assist devices
8. Percutaneous valve replacement
9. Syncope diagnosis and management
10. Assessment of patients for cardiac transplantation



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MANIPAL UNIVERSITY

DM (CARDIOLOGY) DEGREE EXAMINATION – JULY 2010

SUBJECT: PAPER IV: OTHER CARDIO VASCULAR DISEASES

Thursday, July 08, 2010

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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