

April-1996

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch II - Cardiology

(Revised Regulations)

Paper IV - SPECIAL CARDIAC INVESTIGATION AND
THERAPEUTIC PROCEDURES

Time: Three hours

Max. marks: 100

Answer All Questions

1. Discuss cardiovascular applications of tissue doppler imaging. (25)
2. Discuss the current role and use of stents in coronary artery disease. (25)
3. Write short notes on:
 - (a) Angiocardiographic views of A V canal defects
 - (b) Echocardiographic diagnosis of constrictive pericarditis
 - (c) Views on aortic valvuloplasty
 - (d) Critical approach to severe pulmonary hypertension in Cardiac Cath Lab
 - (e) Views on double chambered pacemaker in dilated cardiomyopathy. (5x10=50)

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Paper IV - SPECIAL CARDIAC INVESTIGATION:
AND THERAPEUTIC PROCEDURES

Time: Three hours

Max.marks:100

Answer All Questions

1. Elucidate the evaluation of a patient for cardiac transplantation. (25)
2. Describe the residuae, sequelae and complications after surgery for congenital heart disease. (25)

Write briefly on:

- (a) Indications for balloon atrial septostomy
- (b) Current status of non-surgical closure of PDA
- (c) Intravascular ultrasound
- (d) Three dimensional echo cardiography
- (e) Newer platelet antagonists

(5x10=50)

October-1997

MS 11

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Paper IV - SPECIAL CARDIAC INVESTIGATIONS AND THERAPEUTIC PROCEDURES

Time Three hours

Max. Marks

Answer all questions

Discuss modalities for non invasive delineation of coronary artery anatomy

2. Describe the modalities for antenatal diagnosis of congenital heart disease

3. Write short notes on

(a) Results from clinical trials of lipid lowering drugs

(b) Mitral valve repair

(c) Nitrate tolerance

(d) Mono leaflet mechanical heart valve prosthesis

(e) Alpha blockers in hypertension.

(5 x 10 = 50)

SV 11

April-1998

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Paper IV - SPECIAL CARDIAC INVESTIGATIONS AND
THERAPEUTIC PROCEDURES

Time: Three hours

Max.marks:100

Answer All Questions

1. Discuss the diagnosis and management of
supraventricular tachyarrhythmias. (25)
2. Discuss the role of DSA in cardiac diseases.
(25)
3. Write briefly on:
 - (a) Intracoronary Doppler
 - (b) Vasovagal syncope
 - (c) Catheter therapy for ASD
 - (d) Current status of rotational
atherectomy
 - (e) Diagnosis of Pheochromocytoma.

(5x10=50)

October-1998

[SM 008]

D.M. DEGREE EXAMINATION.

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**Paper IV — SPECIAL CARDIAC INVESTIGATIONS AND
THERAPEUTIC PROCEDURES**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss the prevention of atherosclerosis in coronary bypass grafts.
2. Discuss the clinical profile and preventive strategy of coronary artery disease in Asian Indians.
3. Write short notes on :
 - (a) SOTALOL
 - (b) Contributions of epidemiology to cardiovascular health
 - (c) Circadian rhythm and coronary artery disease
 - (d) Drug therapy for prevention of atrial fibrillation
 - (e) Predictors of restenosis after PTCA.

October-1999

[KA 008]

Sub. Code : 1154

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch II — Cardiology

(Revised Regulations)

Paper IV — SPECIAL CARDIAC INVESTIGATIONS
AND THERAPEUTIC PROCEDURES

Time : Three hours

Maximum : 100 marks

Answer ALL questions

1. Discuss in detail about cardiac transplantation including detection of rejection. (25)
2. Write in detail about current status of cardiac pacing. (25)
3. Write briefly on : (5 × 10 = 50)
 - (a) Dobutamine echocardiography
 - (b) Tachycardiomyopathy
 - (c) Non surgical closure of patent ductus arteriosus
 - (d) Mustard operation
 - (e) Ablation therapy.

April-2000

[KB 008]

Sub. Code 1154

D.M. DEGREE EXAMINATION

(Higher Specialities)

Branch II — Cardiology

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Paper IV — SPECIAL CARDIAC INVESTIGATIONS
AND THERAPEUTIC PROCEDURES

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Role of hormone replacement therapy in the primary and secondary prevention of coronary artery disease. (25)
 2. Discuss in detail evolving diagnostic techniques of renovascular hypertension and management. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Surgical management of pulmonary atresia with intact ventricular septum
 - (b) Left atrial booster pump in heart failure
 - (c) New treatment strategies in hypertrophic cardiomyopathy
 - (d) Eplerenone
 - (e) Newer guidelines on coronary angiography.
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October-2000

[KC 008]

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Paper IV — SPECIAL CARDIAC INVESTIGATIONS
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Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss utility of stress spect in coronary artery disease and prognostication. (25)
2. Recent strategies in the treatment of pulmonary hypertension. (25)
3. Write short notes on : (5 × 10 = 50)
 - (a) Current views on the use of GP IIb/IIIa receptors antagonists
 - (b) Irbesartan
 - (c) Annuloaortic Ectasia
 - (d) Ross Procedure
 - (e) Controversies of ASD* closure after 4th decade of life.

ASD = Atrial Septal Defect.