

QP Code:103501

Reg.No.:.....

D.M. (Cardiology) Degree Examinations - July 2015

Paper III – Cardiac Investigations and Therapeutics

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essay:

(20)

1. Discuss the current roles of CT and MRI in the assessment of various cardiovascular disorders.

Short essays:

(8x10=80)

2. Fractional flow reserve (FFR) assessment and utility.
3. Role of echocardiography in assessment of myocardial viability.
4. In-vitro assessment of efficacy of anti-platelet agents.
5. Alcohol septal ablation in hypertrophic obstructive cardiomyopathy
6. Recent treatment options in the management of refractory hypertension.
7. e GFR and other modern assessment of renal function before diagnostic and interventional procedures.
8. Prophylaxis against rheumatic fever/rheumatic heart disease in the modern era.
9. Various routes of TAVR (transcatheter aortic valve replacement)
