

QP Code: 103501

Reg. No.:.....

D.M. (Cardiology) Degree Examinations July 2019

Paper III – Cardiac Investigations and Therapeutics

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Describe the clinical indications for permanent pacemaker implantation and assessment of pacemaker malfunction

Short essays:

(8x10=80)

2. Describe the prediction and prevention of sudden cardiac death
3. What is intra cardiac echocardiography. Mention its advantages over TEE and discuss its use in clinical practice.
4. Discuss the echocardiography and hemodynamic studies to differentiate constructive pericarditis and restrictive cardiomyopathy
5. What is PET. Discuss role of PET in cardiology
6. Describe the methods of coronary intravascular imaging. How do they help in assessment of complication after PCI
7. Describe the surgical approach for TOF, palliative and corrective surgery
8. Describe the clinical presentation, diagnosis and treatment of takotsubo cardiomyopathy
9. Low flow low gradient AS – evaluation and treatment
