

Q P Code:103501

Reg. No.:.....

**D.M. (Cardiology) Degree Regular/Supplementary Examinations
August 2021**

Paper III – Cardiac Investigations and Therapeutics

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. What is low gradient aortic stenosis. Describe the classification and mechanism of low gradient aortic stenosis. Explain the various cardiac investigations for evaluation of low gradient aortic stenosis.

Short essays:

(8x10=80)

2. Newer techniques for mitral valvuloplasty
3. Central shunts in management of congenital heart disease
4. Contrast alternatives for iodinated contrast allergy and renal dysfunction
5. Amiodarone induced thyroid disease
6. Atrial septal defect creation in cardiovascular practice
7. Assessment of endothelial function
8. Pre-operative cardiac risk stratification for non-cardiac surgery
9. Penetrating aortic ulcer
