

QP Code: 104501

Reg. No.:.....

D.M. (Cardiology) Degree Supplementary Examinations January 2020

Paper IV – Recent Advances in Cardiology

Time: 3 hrs

Max marks: 100

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

Essay:

(20)

1. Role of fractional flow reserve and instantaneous wave-free ratio in coronary revascularization.

Short essays:

(8x10=80)

2. Selexipag.
3. Angiotensin receptor neprilysin inhibitors (ARNI) in heart failure.
4. Multi-site pacing to achieve cardiac resynchronization.
5. Cardiovascular benefits of sodium-glucose co-transporter 2 (SGLT2) inhibitors.
6. CULPRIT-SHOCK clinical trial.
7. Late gadolinium enhancement in cardiac magnetic resonance imaging.
8. Vaccination in cardiac patients.
9. Contemporary management of aortic dissection.
