

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[DM 0822]

AUGUST 2022

Sub. Code :1423

D.M. – CARDIOLOGY

Paper III – HEOMODYNAMICS THERAPEUTICS AND INTERVENTIONS

Q.P. Code: 161423

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss all the possible catheter based treatment options in the natural history of tetralogy of fallot patients.
2. Hemodynamic evaluation of valvular heart disease.

II. Write notes on: **(10 x 7 = 70)**

1. Timing of Inflation and Deflation of the intra aortic balloon pump.
2. Invasive management of femoral arterial pseudoaneurysm.
3. Hemodynamic signs of restrictive cardiomyopathy versus constrictive Pericarditis.
4. Creating atrial septal defects.
5. Collagen plug device.
6. Switching between oral p2Y12 inhibitors.
7. Medina classification for bifurcation lesions.
8. Multisite stimulation in cardiomyopathy trial.
9. Subcutaneous implantable cardioverter-defibrillators.
10. Optimal Antithrombotic Therapies after TAVR.
