

D.M. – CARDIOLOGY

Paper III – HEOMODYNAMICS THERAPEUTICS AND INTERVENTION

Q.P.Code: 161423

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss about the pathology, pathophysiology, clinical presentation, natural history and management of Acute AR.
2. Hemo dynamic assessment of operability in common congenital heart disease. Discuss the scientific basis for the same.

II. Write notes on:

(10 x 7=70)

1. Current status of IVC filters.
2. Non invasive assessment of coronary flow reserve.
3. Coronary venous circulation with diagrams and its clinical application in cardiovascular practice.
4. Fick principle.
5. Microvolt Twave alternans.
6. Epicardial ventricular tachycardia.
7. Clinical stress test in patients with permanent pace maker.
8. Force-frequency response in normal and failing heart.
9. Assessment of different rims for device closure of ASD.
10. Intra cardiac echocardiography.
