

(LR 005)

NOVEMBER 2020
(AUGUST 2020 SESSION)

Sub. Code: 1421

D.M. – CARDIOLOGY

Paper I – BASIC SCIENCES

Q.P. Code: 161421

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the anatomy of right atrium & left atrium with reference to electrophysiology studies (EPS) and radiofrequency catheter ablation,
2. Discuss in detail the blood supply of the heart & collaterals.

II. Write notes on:

(10 x 7 = 70)

1. Brain natriuretic peptide.
2. Endothelin.
3. Reperfusion injury.
4. Fetal circulation.
5. Vulnerable plaque.
6. Pathogenesis of in stent restenosis.
7. Flamm formula.
8. Genetic basis of long QT syndrome.
9. Culture negative endocarditis
10. Hypokalemia
