

(LR 010)

NOVEMBER 2020  
(AUGUST 2020 SESSION)

Sub. Code: 1423

**D.M. – CARDIOLOGY**

**Paper III – HEOMODYNAMICS THERAPEUTICS AND  
INTERVENTION**

*Q.P. Code: 161423*

**Time: Three Hours  
Marks**

**Maximum: 100**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss in detail the etiology, clinical presentation, hemodynamics & management of restrictive cardiomyopathy.
2. Discuss in detail the hemodynamic assessment by echocardiogram and its implication in management.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Macitentan.
2. Sildenafil citrate .
3. Lysis for prosthetic valve thrombosis.
4. Non surgical closure of PDA.
5. Endovascular stenting in dissection of aorta.
6. Third generation coronary stents.
7. Event recorders.
8. Neprilysin inhibitors.
9. His bundle pacing.
10. Twiddler's syndrome.

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