

**(LH 005)**

**AUGUST 2015**

**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. JVP in Health and Disease.
2. Discuss the anatomy of the mitral apparatus and write on congenital Mitral Valve Abnormalities.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Orthostatic hypotension.
2. Echocardiographic assessment of aortic stenosis with LV dysfunction.
3. Dynamic auscultation.
4. Mechanism of Tachyarrhythmias.
5. Radiation protection for interventionists.
6. HDL cholesterol.
7. Myocardial Preconditioning.
8. Differential Cyanosis.
9. Vulnerable plaque.
10. Head - Up Tilt test.

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