

**QP Code:101501**

**Reg.No.:.....**

**D.M. (Cardiology) Degree Examinations - July 2015**

**Paper I – Basic Sciences**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essay:**

**(20)**

1. Discuss the classification, embryology, diagnosis and management of TAPVC.

**Short essays:**

**(8x10=80)**

2. NYHA classification.
3. Pathophysiology of diastolic heart failure.
4. Excitation contraction coupling.
5. Opening snap.
6. Role of inflammation in coronary artery disease.
7. Role of endothelium in modulation of vascular function.
8. Ryanodine receptor.
9. Genetics of LQT syndrome.

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