

**QP Code:101501**

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

**D.M. (Cardiology) Degree Supplementary Examinations - January 2017**

**Paper I – Basic Sciences**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. Discuss the gross and microscopic pathology of acute myocardial infarction.

**Short essays:**

**(8x10=80)**

2. Physiology of acute mitral regurgitation.
3. Three dimensional anatomy of mitral apparatus.
4. Embryology of non compaction.
5. Electrophysiology of atrial fibrillation
6. Sensitivity and specificity in cardiac trials.
7. Cardiac physiology in pregnancy.
8. Layers of a normal artery.
9. Post prosthetic implantation endocarditis.

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