

**(LD 011)**

**AUGUST 2013**

**Sub. Code:1424**

**D.M. – CARDIOLOGY**  
**Paper – IV RECENT ADVANCES**  
*Q.P.Code: 161424*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Professional practice guidelines for diagnosis, risk stratification and management of unstable angina and non ST elevation myocardial infarction.
2. Mitral valve repair versus replacement-discuss suitable pathology for either strategy and which is the preferred therapy?

**II. Write notes on:**

**(10X7=70)**

1. Methods to identify vulnerable plaque.
2. Advantages of newer generation drug eluting stents.
3. Procedure and results of transcatheter aortic valve replacement.
4. Describe arterio lusoria.
5. Reversible platelet inhibition and its clinical application.
6. A brief account on pharmacogenetics.
7. Metabolic modulation with drugs.
8. Pathobiology of restenosis and instent restenosis.
9. Pharmacology of vernakalant.
10. Medical therapy versus revascularization in stable coronary artery disease.

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