

QP Code:104509

Reg.No.:.....

**M.Ch. (Cardio Vascular and Thoracic Surgery) Degree Examinations -
July 2016**

Paper IV – Recent Advances in Cardiac General Thoracic and Vascular Surgery

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Describe mitral valve repair techniques with reference to different types of mitral regurgitation.

Short essays:

(8x10=80)

2. Nitric oxide therapy
3. Use of pedicled muscle flaps in cardiac and thoracic surgery
4. Lasers in cardiothoracic surgery
5. Del-nido cardioplegia – Scientific basis, clinical applications and results
6. Graft flow measurements in coronary bypass surgery
7. Minimally invasive aortic valve surgery
8. Arch – debranching
9. Domino – Heart transplantation
