

QP Code:101509

Reg.No.:.....

**M.Ch. (Cardio Vascular and Thoracic Surgery) Degree Examinations -
July 2014**

Paper I – Basic Medical Sciences Relevant to Thoracic Surgery

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Explain the anatomy of conduction system of heart in detail. Discuss its surgical relevance in adult and congenital heart surgeries.

Short essays:

(8x10=80)

2. Test of myocardial viability
3. Role of CT scan in cardiac surgeries
4. Mechanisms of arrhythmogenesis
5. Ranazoline
6. Opportunistic infections after heart transplantation- its diagnosis and treatment
7. Virtual bronchogram
8. Pectus excavatum
9. Molecular basis of ischemic and reperfusion injuries.
