

QP Code:101509

Reg. No.:.....

**M.Ch. (Cardio Vascular and Thoracic Surgery) Degree Regular/Supplementary
Examinations November 2023**

Paper I – Basic Medical Sciences Relevant to Thoracic Surgery

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers*
- *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Discuss conduction system of heart with diagram and explain surgical significance

Short essays:

(8x10=80)

2. Immunosuppression after heart transplantation
3. Principles and practice of antimicrobial prophylaxis during cardiac surgery
4. Multi slice CT scan in evaluation of cardiac disease
5. Aetiology and pathology of “dissection of aorta”
6. Development of ventricular system
7. Life and achievements of Walton Lillehei
8. Pathophysiology of pre-excitation syndromes
9. Indications and techniques of venting of heart
