

QP Code:101509

Reg. No.:.....

**M.Ch. (Cardio Vascular and Thoracic Surgery) Degree Regular/Supplementary
Examinations August 2022**

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 the anatomy of the left ventricular outflow tract and briefly discuss the management of a small aortic root.

Short essays:

(8x10=80)

2. Phosphodiesterase inhibitors in cardiac surgery
3. Fetal circulation
4. Describe the types of oxygenators and discuss about membrane oxygenators
5. Pulmonary function tests and its clinical applications
6. Incremental risk factors in the surgery for coronary artery disease
7. Indications for surgery in ventricular septal defect
8. Azygous flow principle
9. Achlasia cardia
