

QP Code:104509

Reg. No.:.....

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

Paper IV – Recent Advances in Cardiac General Thoracic and Vascular 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 surgical management of heart failure in detail.

Short essays:

(8x10=80)

2. Homograft procurement and preservation.
3. Minimally invasive cardiac surgery.
4. Role of computed tomography in cardiac surgery.
5. Role of video assisted thoracoscopic surgery in lung cancer management
6. Heparin alternatives.
7. Suture less anastomotic devices.
8. Blood conservation techniques.
9. Stem cell therapy in cardiac surgery.
